

RF TEST REPORT

ISSUED BY
Shenzhen BALUN Technology Co., Ltd.



FOR
Mobile Phone

ISSUED TO
Xiaomi Communications Co., Ltd.

#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District,
Beijing, China, 100085



Tested by: Yu Ying Yuan

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Date Dec. 31, 2021

Approved by: Liao Jianming

Liao Jianming

(Technical Director)

Date Dec. 31, 2021

Report No.: BL-SZ21B0947-604

EUT Name: Mobile Phone

Model Name: 2201116TG

Brand Name: Redmi

Test Standard: 47 CFR Part 15 Subpart E
(refer section 3.1)

FCC ID: 2AFZZ16TG

Test Conclusion: Pass

Test Date: Dec. 07, 2021 ~ Dec. 11, 2021

Date of Issue: Dec. 31, 2021

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Revision History

<u>Version</u>	<u>Issue Date</u>	<u>Revisions Content</u>
<u>Rev. 01</u>	<u>Dec. 31, 2021</u>	<u>Initial Issue</u>
<u>Rev. 02</u>	<u>Dec. 31, 2021</u>	<u>Update IMEI number in section 2.5</u>

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1 ADMINISTRATIVE DATA (GENERAL INFORMATION)

1.1 Identification of the Testing Laboratory

Company Name	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1st FL, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Phone Number	+86 755 6685 0100

1.2 Identification of the Responsible Testing Location

Test Location	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1st FL, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196.
Description	All measurement facilities used to collect the measurement data are located at Block B, FL 1, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China 518055

1.3 Laboratory Condition

Ambient Temperature	20°C to 25°C
Ambient Relative Humidity	45% to 55%
Ambient Pressure	100 kPa to 102 kPa

1.4 Announce

- (1) The test report reference to the report template version v4.6.
- (2) The test report is invalid if not marked with the signatures of the persons responsible for preparing and approving the test report.
- (3) The test report is invalid if there is any evidence and/or falsification.
- (4) The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein.
- (5) This document may not be altered or revised in any way unless done so by BALUN and all revisions are duly noted in the revisions section.
- (6) Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.
- (7) The laboratory is only responsible for the data released by the laboratory, except for the part provided by the applicant.

2 PRODUCT INFORMATION

2.1 Applicant

Applicant	Xiaomi Communications Co., Ltd.
Address	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

2.2 Manufacturer

Manufacturer	Xiaomi Communications Co., Ltd.
Address	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

2.3 Factory

Factory	N/A
Address	N/A

2.4 General Description for Equipment under Test (EUT)

EUT Name	Mobile Phone
Model Name Under Test	2201116TG
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	P1.1
Software Version	MIUI 13
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.5 Technical Information

Network and Wireless connectivity	2G Network GSM/GPRS/EDGE 850/900/1800/1900 MHz 3G Network WCDMA/HSDPA/HSUPA/DC-HSDPA Band 1/2/4/5/8 4G Network LTE FDD Band 1/2/3/4/5/7/8/12/13/17/20/26/28/32/66 LTE TDD Band 38/40/41 LTE CA Uplink (UL): CA_3C, CA_7C, CA_38C, CA_40C, CA_41C LTE CA Downlink (DL): CA_20A_32A Bluetooth (BR+EDR+BLE) 2.4G WIFI 802.11b, 802.11g, 802.11n(HT20/40) 5G WIFI 802.11a, 802.11n(HT20/40) and 802.11ac(VHT20/40/80) U-NII-1/2A/2C/3, GPS, GLONASS, Galileo, BDS, FM receiver, NFC
IMEI	S13: IMEI1#: 868202050060162 (Conducted); IMEI2#: 868202050060170 (Conducted) S41: IMEI1#: 868202050089245 (Radiated); IMEI2#: 868202050089252 (Radiated)

The requirement for the following technical information of the EUT was tested in this report:

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz, U-NII-3: 5725 MHz to 5850 MHz
Product Type	<input type="checkbox"/> Mobile <input checked="" type="checkbox"/> Portable <input type="checkbox"/> Fix Location
Modulation technology	OFDM
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK
Product Type	Indoor for Portable for FCC standard
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz
Maximum Output Power	U-NII-1: 18.30 dBm U-NII-2A: 17.83 dBm U-NII-2C: 17.63 dBm U-NII-3: 16.84 dBm
Antenna Type	PIFA Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: -3.6 dBi U-NII-2A: 5250 MHz to 5350 MHz: -3.9 dBi U-NII-2C: 5470 MHz to 5725 MHz: -3.8 dBi U-NII-3: 5725 MHz to 5850 MHz: -4.3 dBi (In test items related to antenna gain, the final results reflect this figure. This value is provided by the applicant.)
About the Product	The equipment is Mobile Phone, intended for used with information technology equipment.

2.6 Additional Instructions

EUT Software Settings:

Mode	<input checked="" type="checkbox"/> Special software is used. The software provided by client to enable the EUT under transmission condition continuously at specific channel frequencies individually.
------	--

During testing, Channel and Power Controlling Software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product.

Test Software Version	***3646633***
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2.7 Channel List

20 MHz		40 MHz		80 MHz	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230	58	5290
44	5220	54	5270	106	5530
48	5240	62	5310	122	5610
52	5260	102	5510	138	5690
56	5280	110	5550	155	5775
60	5300	118	5590		
64	5320	126	5630		
100	5500	134	5670		
104	5520	142	5710		
108	5540	151	5755		
112	5560	159	5795		
116	5580				
120	5600				
124	5620				
128	5640				
132	5660				
136	5680				
140	5700				
144	5720				
149	5745				
153	5765				
157	5785				
161	5805				
165	5825				

The Lowest frequency, the middle frequency and the highest frequency of channel were selected to perform the test, and the selected channel see below:

For 802.11a/n(HT20)/ac(VHT20)

U-NII-1 (5150 - 5250 MHz)			U-NII-2A (5250 - 5350 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
36	Low	5180	52	Low	5260
44	Mid	5220	60	Mid	5300
48	High	5240	64	High	5320

U-NII-2C (5470 - 5725 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
100	Low	5500	144	-	5720
116	Mid	5580	149	Low	5745
140	High	5700	157	Mid	5785
144	-	5720	165	High	5825

For 802.11n(HT40)/ac(VHT40)

U-NII-1 (5150 - 5250 MHz)			U-NII-2A (5250 - 5350 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
38	Low	5190	54	Low	5270
46	High	5230	62	High	5310

U-NII-2C (5150 - 5250 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
102	Low	5510	142	-	5710
118	Mid	5590	151	Low	5755
134	High	5670	159	High	5795
142	-	5710			

For 802.11ac(VHT80)

U-NII-1 (5150 - 5250 MHz)			U-NII-2A (5250 - 5350 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
42	Mid	5210	58	Mid	5290

U-NII-2C (5470 - 5725 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
106	Low	5530	138	-	5690
122	High	5610	155	Mid	5775
138	-	5690			

Note: Preliminary tests were performed in different data rate in above table to find the worst radiated emission. The data rate shown in the table below is the worst-case rate with respect to the specific test item. Investigation has been done on all the possible configurations for searching the worst cases. The following table is a list of the test modes shown in this test report.

Test Items	Mode	Data Rate	Modulation Type	U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
				Channel	Channel	Channel	Channel
RF Output Power	11a	6	BPSK	48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/142
	11ac(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138
Emission Bandwidth & 99% Occupied Bandwidth	11a	6	BPSK	48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138
6 dB bandwidth	11a	6	BPSK	N/A	N/A	N/A	165/157/149/144
	11n(20 MHz)	6.5		N/A	N/A	N/A	165/157/149/144
	11n(40 MHz)	13.5		N/A	N/A	N/A	159/151/142
	11ac(20 MHz)	6.5		N/A	N/A	N/A	165/157/149/144
	11ac(40 MHz)	13.5		N/A	N/A	N/A	159/151/142
	11ac(80 MHz)	29.3		N/A	N/A	N/A	155/138
Power Spectral Density	11a	6	BPSK	48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(40 MHz)	13.5		46/38	62/54	142/134/110/102	159/151/142
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/110/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138
Radiated Spurious Emissions	11a	6	BPSK	48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(40 MHz)	13.5		46/38	62/54	142/134/110/102	159/151/142
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/110/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138
Band Edge (Restricted-band)	11a	6	BPSK	48/36	64/52	144/140/116/100	165/157/149/144
	11n(20 MHz)	6.5		48/36	64/52	144/140/116/100	165/157/149/144
	11n(40 MHz)	13.5		46/38	62/54	142/134/118//102	159/151/142
	11ac(20 MHz)	6.5		48/36	64/52	114/140/116/100	165/157/149/144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15 Subpart E	Unlicensed National Information Infrastructure Devices
2	KDB Publication 789033 D02v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
3	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

3.2 Verdict

No.	Description	FCC Part No.	Test Result	Verdict
1	Antenna Requirement	15.203	--	Pass ^{Note1}
2	RF Output Power	15.407(a)	ANNEX A.1	Pass
3	Emission Bandwidth & 99% Occupied Bandwidth	15.407(a)	ANNEX A.2	Pass
4	6 dB bandwidth	15.407(e)	ANNEX A.3	Pass
5	Power Spectral Density	15.407(a)	ANNEX A.4	Pass
6	Conducted Emission	15.207	ANNEX A.5	Pass
7	Radiated Spurious Emissions and Band Edge (Restricted-band)	15.407(b)	ANNEX A.6	Pass
8	Receiver Spurious Emissions	--	--	N/A ^{Note2}

Note¹: The EUT has a permanently and irreplaceable attached antenna, which complies with the requirement FCC 15.203.

Note²: Only radio communication receivers operating in stand-alone mode within the U-NII-30-960 MHz, as well as scanner receivers, are subject to Industry Canada requirements, so this test is not applicable.

Note³: Under all normal operating conditions specified in the user manual, frequency stability can keep radiation within the operating frequency band.

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

During the measurement, the normal environmental conditions were within the listed ranges:

Relative Humidity	45% to 55%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+22°C to +25°C
	LT (Low Temperature)	-10°C
	HT (High Temperature)	+55°C
Working Voltage of the EUT	NV (Normal Voltage)	3.87 V
	LV (Low Voltage)	3.60 V
	HV (High Voltage)	4.40 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2021.04.01	2022.03.31
Bluetooth Signaling Unit	ROHDE&SCHWARZ	CMW500	142028	2021.06.01	2022.05.31
Power Sensor	KEYSIGHT	U2063XA	MY58000247	2021.05.08	2022.05.07
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2021.06.01	2022.05.31
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2021.06.01	2022.05.31
LISN	SCHWARZBECK	NSLK 8127	8127-687	2021.06.01	2022.05.31
Amplifier	KMW	ZT30-1000MHZ	N/A	2021.06.18	2022.06.17
Amplifier	KMW	LSCX-LNA1-12G-01	N/A	2021.06.18	2022.06.17
Amplifier	KMW	XKu_LNA7-18G-01	N/A	2021.06.18	2022.06.17
Amplifier	KMW	DLAN-18000-40000-02	N/A	2021.06.18	2022.06.17
Test Antenna-Loop(9 kHz-30 MHz)	SCHWARZBECK	FMZB 1519	1519-037	2021.04.16	2024.04.15
Test Antenna-Bi-Log(30 MHz-3 GHz)	SCHWARZBECK	VULB 9163	9163-624	2021.08.20	2024.08.19
Test Antenna-Horn(1-18 GHz)	SCHWARZBECK	BBHA 9120D	9120D-1917	2019.07.02	2022.07.01
Test Antenna-Horn (18-40 GHz)	A-INFO	LB-180400KF	J211060273	2021.07.02	2023.07.01
Anechoic Chamber	RAINFORD	9m*6m*6m	N/A	2017.02.21	2022.02.20
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	N/A	2019.08.08	2022.08.07
Shielded Enclosure	ChangNing	CN-130701	130703	--	--

4.3 Test Software List

Description	Manufacturer	Software Version	Serial No.	Applicable test Setup
BLE410R	BALUN	V2.1.1.488	N/A	The section 4.5.1
BLE410E	BALUN	V19.8.28.435	N/A	The section 4.5.2&4.5.3&4.5.4&4.5.5

4.4 Measurement Uncertainty

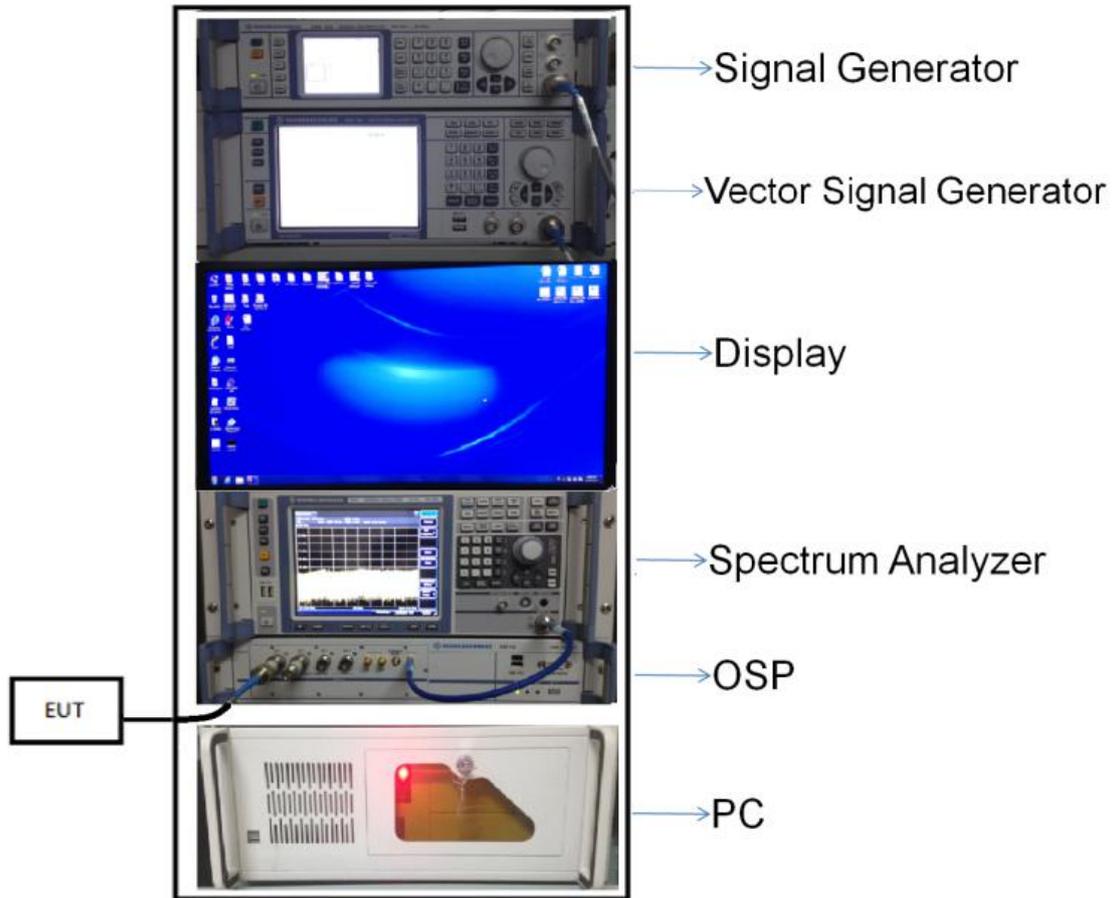
The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

Parameters	Uncertainty
Occupied Channel Bandwidth	2.8%
RF output power, conducted	1.28 dB
Power Spectral Density, conducted	1.30 dB
Unwanted Emissions, conducted	1.84 dB
All emissions, radiated	5.36 dB
Temperature	0.82°C
Humidity	4.1%

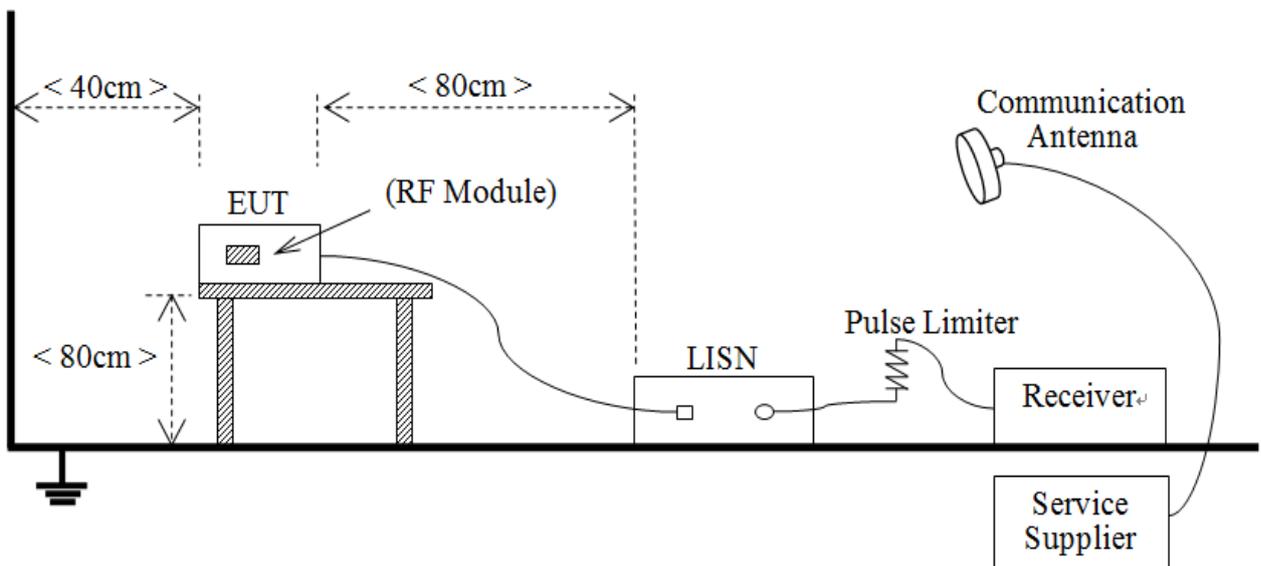
4.5 Description of Test Setup

4.5.1 For Antenna Port Test



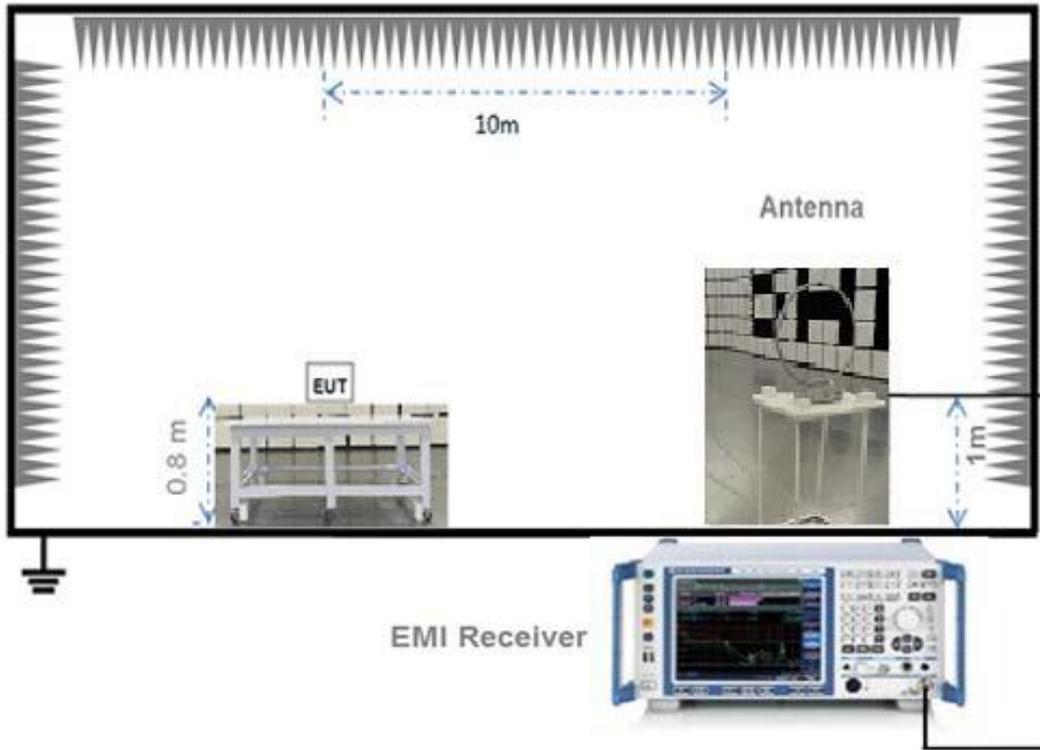
(Diagram 1)

4.5.2 For AC Power Supply Port Test



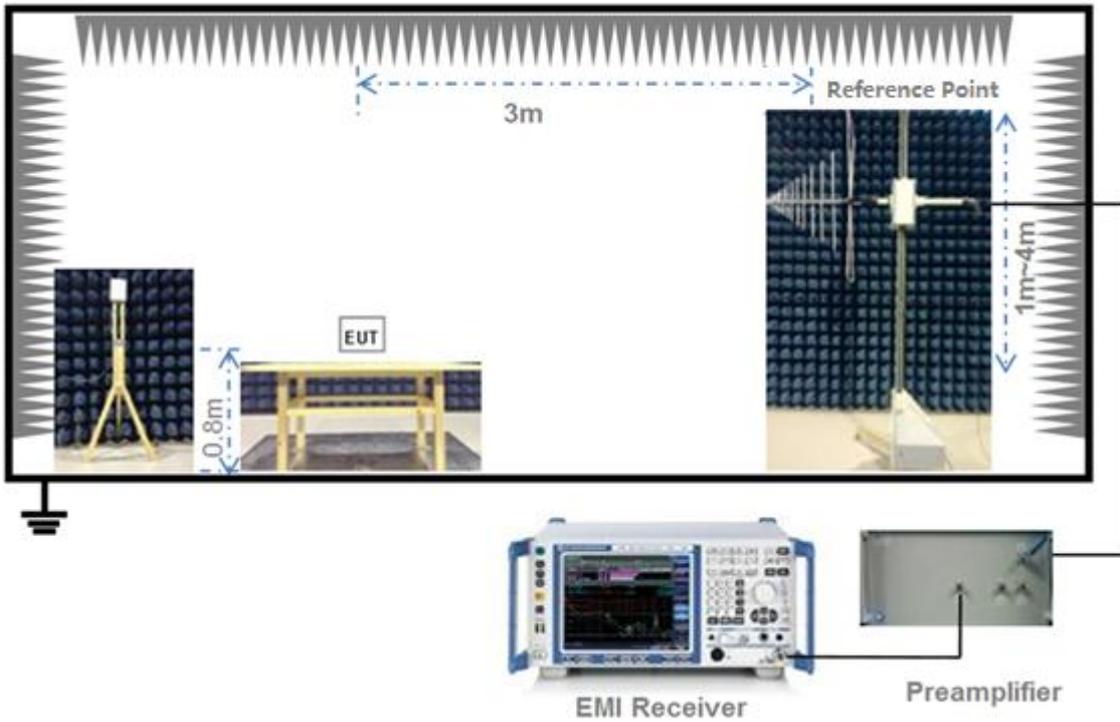
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



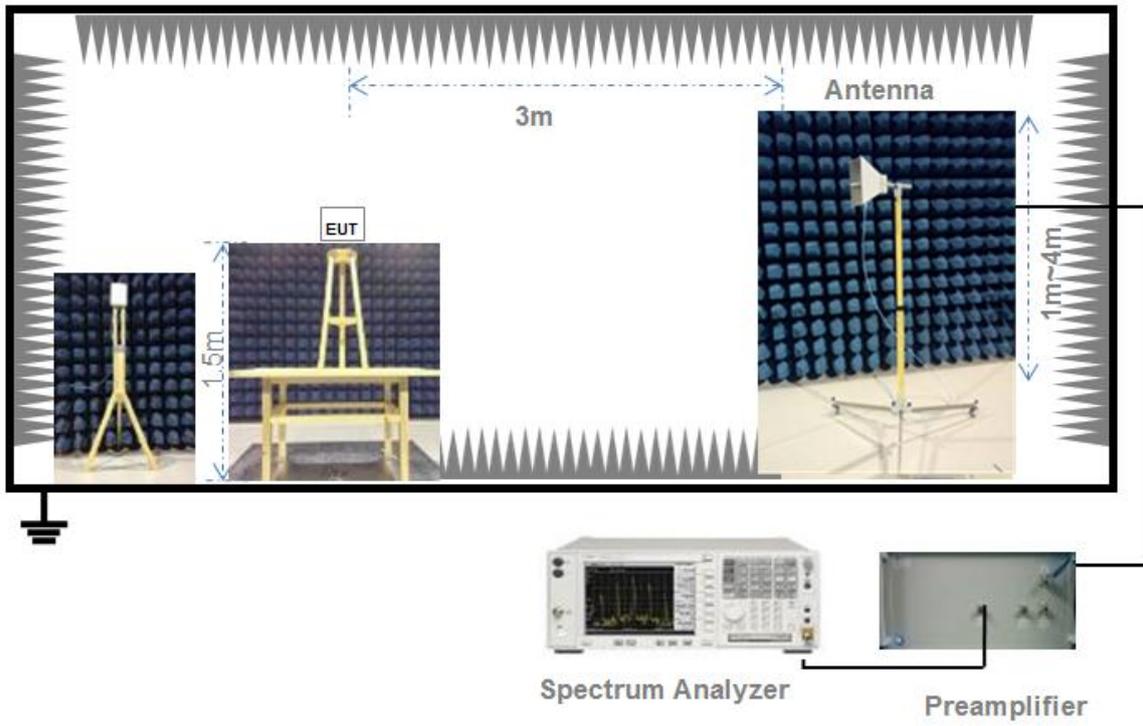
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

Frequency Band (MHz)	Limit
5150-5250	250 mW
5250-5350	250 mW or 11 dBm + 10log B, whichever is less.
5470-5725	250 mW or 11 dBm + 10log B, whichever is less.
5725-5850	1 W

Note: Where "B" is the 26 dB emissions bandwidth in MHz.

5.1.2 Test Setup

The section 4.5.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.1.3 Test Procedure

The maximum peak conducted output power may be measured using a broadband Average RF power meter. The power meter shall have a video bandwidth that is greater than or equal to the emission bandwidth and utilize a fast-responding diode detector.

The E.I.R.P used radiated test method. At a test site that has been validated using the procedures of ANSI C63.4 or the latest CISPR 16-1-4 for measurements above 1 GHz, so as to simulate a near free-space environment.

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a)

Within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

5.2.2 Test Setup

The test setup photo please refer to 4.5.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.2.3 Test Procedure

Emission bandwidth

1. Set RBW = approximately 1% of the emission bandwidth.
2. Set VBW $\geq 3 \times$ RBW,
3. Detector = Peak.
4. Trace mode = Max hold.
5. Measure the maximum width of the emission that is 26 dB down from the peak of the emission.

Occupied Bandwidth

1. Set Span = 1.5 times to 5.0 times the OBW
2. Set RBW = 1% to 5% of the OBW.
3. Set VBW $\geq 3 \times$ RBW, Detector = Peak.
4. Trace mode = Max hold.
5. Use the 99% power bandwidth function of the instrument.

6 dB bandwidth

1. Set RBW = 100 kHz, VBW = 300 kHz.
2. Detector = Peak. Trace mode = Max hold.
3. Allow the trace to stabilize.
4. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

5.2.4 Test Result

Please refer to ANNEX A.2 and ANNEX A.3.

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

Frequency Band (MHz)	Limit
5150-5250	11 dBm/MHz
5250-5350	11 dBm/MHz
5470-5725	11 dBm/MHz
5725-5850	30 dBm/500kHz

5.3.2 Test Setup

The section 4.5.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.3.3 Test Procedure

Set the spectrum analyzer or EMI receiver span to view the entire emission bandwidth.

1. Set RBW = 510 kHz/1 MHz, VBW $\geq 3 \times$ RBW, Sweep time = Auto, Detector = RMS.
2. Allow the sweeps to continue until the trace stabilizes.
3. Use the peak marker function to determine the maximum amplitude level.
4. The E.I.R.P spectral density used radiated test method. At a test site that has been validated using the procedures of ANSI C63.4 or the latest CISPR 16-1-4 for measurements above 1 GHz, so as to simulate a near free-space environment.

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207

For an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency within the U-NII-150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50 μ H/50 Ω line impedance stabilization network (LISN).

Frequency range (MHz)	Conducted Limit (dB μ V)	
	Quai-peak	Average
0.15 - 0.50	66 to 56	56 to 46
0.50 - 5	56	46
0.50 - 30	60	50

5.4.2 Test Setup

The section 4.5.2 (Diagram 2) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.4.3 Test Procedure

The maximum conducted interference is searched using Peak (PK), if the emission levels more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed. Refer to recorded points and plots below.

5.4.4 Test Result

Please refer to ANNEX A.5.

5.5 Radiated Spurious Emissions and Band Edge (Restricted-band)

5.5.1 Limit

FCC §15.209 & 15.407(b)

Frequency (MHz)	Field Strength (μV/m)	Measurement Distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

Note¹: The Limit for radiated test was performed according to FCC Part 15C

Note²: The tighter limit applies at the band edge.

Un-restricted band emissions	
Out Operating Band (MHz)	Limit
5150 - 5250	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)
5250 - 5350	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)
5470 - 5725	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)
5725 - 5850	<p>All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.</p>

Note: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength.

5.5.2 Test Setup

The section 4.5.3-4.5.5 (Diagram 3 - Diagram 5) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.5.3 Test Procedure

Since the emission limits are specified in terms of radiated field strength levels, measurements performed to demonstrate compliance have traditionally relied on a radiated test configuration. Radiated measurements remain the principal method for demonstrating compliance to the specified limits; however antenna-port conducted measurements are also now acceptable to demonstrate compliance (see below for details). When radiated measurements are utilized, test site requirements and procedures for maximizing and measuring radiated emissions that are described in ANSI C63.10 shall be followed.

Antenna-port conducted measurements may also be used as an alternative to radiated measurements for demonstrating compliance in the restricted frequency bands. If conducted measurements are performed, then proper impedance matching must be ensured and an additional radiated test for cabinet/case spurious emissions is required.

General Procedure for conducted measurements in restricted bands

- a) Measure the conducted output power (in dBm) using the detector specified (see guidance regarding measurement procedures for determining quasi-peak, peak, and average conducted output power, respectively).
- b) Add the maximum transmit antenna gain (in dBi) to the measured output power level to determine the EIRP level (see guidance on determining the applicable antenna gain)
- c) Add the appropriate maximum ground reflection factor to the EIRP level (6 dB for frequencies ≤ 30 MHz, 4.7 dB for frequencies between 30 MHz and 1000 MHz, inclusive and 0 dB for frequencies > 1000 MHz).
- d) For devices with multiple antenna-ports, measure the power of each individual chain and sum the EIRP of all chains in linear terms (e.g., Watts, mW).
- e) Convert the resultant EIRP level to an equivalent electric field strength using the following relationship:

$$E = \text{EIRP} - 20\log D + 104.8$$

where:

E = electric field strength in dB μ V/m,

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

- f) Compare the resultant electric field strength level to the applicable limit.
- g) Perform radiated spurious emission test.

Quasi-Peak measurement procedure

The specifications for measurements using the CISPR quasi-peak detector can be found in Publication 16 of the International Special Committee on Radio Frequency Interference (CISPR) of the International Electrotechnical Commission.

As an alternative to CISPR quasi-peak measurement, compliance can be demonstrated to the applicable emission limits using a peak detector.

Peak power measurement procedure

Peak emission levels are measured by setting the instrument as follows:

- a) RBW = as specified in Table 1.
- b) VBW $\geq 3 \times$ RBW.
- c) Detector = Peak.
- d) Sweep time = auto.
- e) Trace mode = max hold.
- f) Allow sweeps to continue until the trace stabilizes. (Note that the required measurement time may be longer for low duty cycle applications).

Table 1—RBW as a function of frequency

Frequency	RBW
9-150 kHz	200-300 Hz
0.15-30 MHz	9-10 kHz
30-1000 MHz	100-120 kHz
> 1000 MHz	1 MHz

If the peak-detected amplitude can be shown to comply with the average limit, then it is not necessary to perform a separate average measurement.

Trace averaging across on and off times of the EUT transmissions followed by duty cycle correction

If continuous transmission of the EUT (i.e., duty cycle ≥ 98 percent) cannot be achieved and the duty cycle is constant (i.e., duty cycle variations are less than ± 2 percent), then the following procedure shall be used:

- a) The EUT shall be configured to operate at the maximum achievable duty cycle.
- b) Measure the duty cycle, x , of the transmitter output signal as described in section 6.0.
- c) RBW = 1 MHz (unless otherwise specified).
- d) VBW $\geq 3 \times$ RBW.
- e) Detector = RMS, if $\text{span}/(\# \text{ of points in sweep}) \leq (\text{RBW}/2)$. Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If this condition cannot be satisfied, then the detector mode shall be set to peak.
- f) Averaging type = power (i.e., RMS).
 - 1) As an alternative, the detector and averaging type may be set for linear voltage averaging.
 - 2) Some instruments require linear display mode in order to use linear voltage averaging. Log or dB averaging shall not be used.
- g) Sweep time = auto.
- h) Perform a trace average of at least 100 traces.
- i) A correction factor shall be added to the measurement results prior to comparing to the emission limit in order to compute the emission level that would have been measured had the test been performed at 100 percent duty cycle. The correction factor is computed as follows:

- 1) If power averaging (RMS) mode was used in step f), then the applicable correction factor is $10 \log(1/x)$, where x is the duty cycle.
- 2) If linear voltage averaging mode was used in step f), then the applicable correction factor is $20 \log(1/x)$, where x is the duty cycle.
- 3) If a specific emission is demonstrated to be continuous (≥ 98 percent duty cycle) rather than turning on and off with the transmit cycle, then no duty cycle correction is required for that emission.

NOTE: Reduction of the measured emission amplitude levels to account for operational duty factor is not permitted. Compliance is based on emission levels occurring during transmission - not on an average across on and off times of the transmitter.

Determining the applicable transmit antenna gain

A conducted power measurement will determine the maximum output power associated with a restricted band emission; however, in order to determine the associated EIRP level, the gain of the transmitting antenna (in dBi) must be added to the measured output power (in dBm).

Since the out-of-band characteristics of the EUT transmit antenna will often be unknown, the use of a conservative antenna gain value is necessary. Thus, when determining the EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2 dBi, whichever is greater. However, for devices that operate in multiple frequency bands while using the same transmit antenna, the highest gain of the antenna within the operating band nearest in frequency to the restricted band emission being measured may be used in lieu of the overall highest gain when the emission is at a frequency that is within 20 percent of the nearest band edge frequency, but in no case shall a value less than 2 dBi be used.

See KDB 662911 for guidance on calculating the additional array gain term when determining the effective antenna gain for a EUT with multiple outputs occupying the same or overlapping frequency ranges in the same band.

Radiated spurious emission test

An additional consideration when performing conducted measurements of restricted band emissions is that unwanted emissions radiating from the EUT cabinet, control circuits, power leads, or intermediate circuit elements will likely go undetected in a conducted measurement configuration. To address this concern, a radiated test shall be performed to ensure that emissions emanating from the EUT cabinet (rather than the antenna port) also comply with the applicable limits.

For these cabinet radiated spurious emission measurements the EUT transmit antenna may be replaced with a termination matching the nominal impedance of the antenna. Procedures for performing radiated measurements are specified in ANSI C63.10. All detected emissions shall comply with the applicable limits.

The measurement frequency range is from 30 MHz to the 10th harmonic of the fundamental frequency. The Turn Table is actuated to turn from 0° to 360° , and both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. Mid channels on all channel bandwidth verified. Only the worst RB size/offset presented.

The power of the EUT transmitting frequency should be ignored.

All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

RBW = 1 MHz for $f \geq 1$ GHz, 100 kHz for $f < 1$ GHz

VBW \geq RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

Note 1: For FCC standard, if transmitting antennas of directional gain greater than 6 dBi are used, all band maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	15.74	37.50	250	Pass
11a	CH44	18.28	67.30	250	Pass
11a	CH48	18.30	67.61	250	Pass
11n (HT20)	CH36	13.75	23.71	250	Pass
11n (HT20)	CH44	17.12	51.52	250	Pass
11n (HT20)	CH48	17.12	51.52	250	Pass
11n (HT40)	CH38	12.15	16.41	250	Pass
11n (HT40)	CH46	15.58	36.14	250	Pass
11ac (VHT20)	CH36	15.16	32.81	250	Pass
11ac (VHT20)	CH44	16.62	45.92	250	Pass
11ac (HVT20)	CH48	16.64	46.13	250	Pass
11ac (VHT40)	CH38	13.15	20.65	250	Pass
11ac (VHT40)	CH46	16.13	41.02	250	Pass
11ac (VHT80)	CH42	12.35	17.18	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	17.75	59.57	210	Pass
11a	CH60	17.83	60.67	211	Pass
11a	CH64	13.84	24.21	208	Pass
11n (HT20)	CH52	16.66	46.34	223	Pass
11n (HT20)	CH60	16.64	46.13	223	Pass
11n (HT20)	CH64	13.17	20.75	222	Pass
11n (HT40)	CH54	15.59	36.22	250	Pass
11n (HT40)	CH62	11.64	14.59	250	Pass
11ac (VHT20)	CH52	16.64	46.13	223	Pass
11ac (VHT20)	CH60	16.69	46.67	223	Pass
11ac (HVT20)	CH64	13.70	23.44	221	Pass
11ac (VHT40)	CH54	15.62	36.48	250	Pass
11ac (VHT40)	CH62	12.16	16.44	250	Pass
11ac (VHT80)	CH58	11.86	15.35	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	15.29	33.81	208	Pass
11a	CH116	17.63	57.94	212	Pass
11a	CH140	13.29	21.33	207	Pass
11n (HT20)	CH100	13.14	20.61	221	Pass
11n (HT20)	CH116	16.54	45.08	224	Pass
11n (HT20)	CH140	13.20	20.89	222	Pass
11n (HT40)	CH102	11.10	12.88	250	Pass
11n (HT40)	CH118	15.54	35.81	250	Pass
11n (HT40)	CH134	15.10	32.36	250	Pass
11ac (VHT20)	CH100	15.20	33.11	222	Pass
11ac (VHT20)	CH116	16.60	45.71	223	Pass
11ac (VHT20)	CH140	12.71	18.66	221	Pass
11ac (VHT40)	CH102	12.67	18.49	250	Pass
11ac (VHT40)	CH118	15.55	35.89	250	Pass
11ac (VHT40)	CH134	15.15	32.73	250	Pass
11ac (VHT80)	CH106	11.34	13.61	250	Pass
11ac (VHT80)	CH122	14.34	27.16	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	16.78	47.64	1000	Pass
11a	CH157	16.84	48.31	1000	Pass
11a	CH165	16.72	46.99	1000	Pass
11n (HT20)	CH149	15.71	37.24	1000	Pass
11n (HT20)	CH157	15.74	37.50	1000	Pass
11n (HT20)	CH165	15.73	37.41	1000	Pass
11n (HT40)	CH151	14.70	29.51	1000	Pass
11n (HT40)	CH159	14.69	29.44	1000	Pass
11ac (VHT20)	CH149	15.68	36.98	1000	Pass
11ac (VHT20)	CH157	15.69	37.07	1000	Pass
11ac (VHT20)	CH165	15.73	37.41	1000	Pass
11ac (VHT40)	CH151	15.64	36.64	1000	Pass
11ac (VHT40)	CH159	15.63	36.56	1000	Pass
11ac (VHT80)	CH155	13.35	21.63	1000	Pass

U-NII-2C straddle channel					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH144	17.66	58.34	250	Pass
11n (HT20)	CH144	16.59	45.60	244	Pass
11n (HT40)	CH142	15.65	36.73	250	Pass
11ac (VHT20)	CH144	16.64	46.13	237	Pass
11ac (VHT40)	CH142	15.62	36.48	250	Pass
11ac (VHT80)	CH138	14.38	27.42	250	Pass

U-NII-3 straddle channel					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH144	17.66	58.34	1000	Pass
11n (HT20)	CH144	16.59	45.60	1000	Pass
11n (HT40)	CH142	15.65	36.73	1000	Pass
11ac (VHT20)	CH144	16.64	46.13	1000	Pass
11ac (VHT40)	CH142	15.62	36.48	1000	Pass
11ac (VHT80)	CH138	14.38	27.42	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ21B0947-604 Data Part 1.pdf".

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	16.59	16.55
11a	CH44	16.77	16.74
11a	CH48	16.86	16.78
11n (HT20)	CH36	17.60	17.58
11n (HT20)	CH44	17.74	17.71
11n (HT20)	CH48	17.75	17.72
11n (HT40)	CH38	36.04	36.06
11n (HT40)	CH46	36.15	36.17
11ac (VHT20)	CH36	17.65	17.63
11ac (VHT20)	CH44	17.73	17.70
11ac (VHT20)	CH48	17.74	17.68
11ac (VHT40)	CH38	36.05	36.03
11ac (VHT40)	CH46	36.12	36.07
11ac (VHT80)	CH42	75.21	75.25

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	16.71	16.65
11a	CH60	16.73	16.66
11a	CH64	16.49	16.47
11n (HT20)	CH52	17.74	17.71
11n (HT20)	CH60	17.73	17.68
11n (HT20)	CH64	17.60	17.59
11n (HT40)	CH54	36.19	36.19
11n (HT40)	CH62	35.97	36.00
11ac (VHT20)	CH52	17.73	17.70
11ac (VHT20)	CH60	17.73	17.70
11ac (VHT20)	CH64	17.57	17.56
11ac (VHT40)	CH54	36.10	36.07
11ac (VHT40)	CH62	35.97	35.99
11ac (VHT80)	CH58	75.27	75.28

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	16.56	16.54
11a	CH116	16.86	16.77
11a	CH140	16.48	16.47
11n (HT20)	CH100	17.59	17.60
11n (HT20)	CH116	17.77	17.73
11n (HT20)	CH140	17.60	17.58
11n (HT40)	CH102	36.01	36.03
11n (HT40)	CH118	36.18	36.18
11n (HT40)	CH134	36.15	36.16
11ac (VHT20)	CH100	17.64	17.62
11ac (VHT20)	CH116	17.73	17.71
11ac (VHT20)	CH140	17.58	17.57
11ac (VHT40)	CH102	36.01	36.04
11ac (VHT40)	CH118	36.12	36.09
11ac (VHT40)	CH134	36.13	36.10
11ac (VHT80)	CH106	75.21	75.26
11ac (VHT80)	CH122	75.42	75.31

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	16.69	16.67
11a	CH157	16.77	16.72
11a	CH165	16.81	16.74
11n (HT20)	CH149	17.71	17.68
11n (HT20)	CH157	17.74	17.70
11n (HT20)	CH165	17.75	17.72
11n (HT40)	CH151	36.18	36.18
11n (HT40)	CH159	36.13	36.11
11ac (VHT20)	CH149	17.68	17.66
11ac (VHT20)	CH157	17.71	17.68
11ac (VHT20)	CH165	17.74	17.70
11ac (VHT40)	CH151	36.12	36.10
11ac (VHT40)	CH159	36.09	36.04
11ac (VHT80)	CH155	75.28	75.37

U-NII-2C straddle channel			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH144	21.10	13.40
11n (HT20)	CH144	19.40	13.90
11n (HT40)	CH142	43.00	33.20
11ac (VHT20)	CH144	18.80	13.80
11ac (VHT40)	CH142	45.20	33.20
11ac (VHT80)	CH138	106.60	73.20

U-NII-3 straddle channel			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH144	9.50	3.40
11n (HT20)	CH144	9.70	3.90
11n (HT40)	CH142	16.50	3.20
11ac (VHT20)	CH144	10.10	3.80
11ac (VHT40)	CH142	17.50	3.10
11ac (VHT80)	CH138	39.00	3.00

A.3 6 dB Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ21B0947-604 Data Part 2.pdf".

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.25	500.00	Pass
11a	CH157	15.55	500.00	Pass
11a	CH165	15.25	500.00	Pass
11n (HT20)	CH149	15.25	500.00	Pass
11n (HT20)	CH157	15.20	500.00	Pass
11n (HT20)	CH165	15.20	500.00	Pass
11n (HT40)	CH151	35.20	500.00	Pass
11n (HT40)	CH159	35.20	500.00	Pass
11ac (VHT20)	CH149	15.25	500.00	Pass
11ac (VHT20)	CH157	15.25	500.00	Pass
11ac (VHT20)	CH165	15.25	500.00	Pass
11ac (VHT40)	CH151	35.20	500.00	Pass
11ac (VHT40)	CH159	35.20	500.00	Pass
11ac (VHT80)	CH155	75.20	500.00	Pass

U-NII-3 straddle channel				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH144	2.60	500.00	Pass
11n (HT20)	CH144	2.60	500.00	Pass
11n (HT40)	CH142	2.60	500.00	Pass
11ac (VHT20)	CH144	2.60	500.00	Pass
11ac (VHT40)	CH142	2.60	500.00	Pass
11ac (VHT80)	CH138	2.60	500.00	Pass

A.4 Power Spectral Density

Note 1: Test plots please refer to the document "Annex No.: BL-SZ21B0947-604 Data Part 3.pdf".

Note 2: The RBW used in U-NII-3 is 1 MHz, and the PSD factor is: $10 \cdot \log(500 \text{ kHz/RBW}) = -3 \text{ dBm}$.

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	5.43	11.00	Pass
11a	CH44	7.41	11.00	Pass
11a	CH48	8.04	11.00	Pass
11n (HT20)	CH36	2.53	11.00	Pass
11n (HT20)	CH44	6.16	11.00	Pass
11n (HT20)	CH48	6.73	11.00	Pass
11n (HT40)	CH38	-1.64	11.00	Pass
11n (HT40)	CH46	2.71	11.00	Pass
11ac (VHT20)	CH36	5.07	11.00	Pass
11ac (VHT20)	CH44	6.07	11.00	Pass
11ac (VHT20)	CH48	6.77	11.00	Pass
11ac (VHT40)	CH38	-0.64	11.00	Pass
11ac (VHT40)	CH46	2.41	11.00	Pass
11ac (VHT80)	CH42	-4.52	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	7.03	11.00	Pass
11a	CH60	7.26	11.00	Pass
11a	CH64	3.81	11.00	Pass
11n (HT20)	CH52	6.19	11.00	Pass
11n (HT20)	CH60	6.51	11.00	Pass
11n (HT20)	CH64	2.90	11.00	Pass
11n (HT40)	CH54	2.27	11.00	Pass
11n (HT40)	CH62	-1.59	11.00	Pass
11ac (VHT20)	CH52	6.22	11.00	Pass
11ac (VHT20)	CH60	6.49	11.00	Pass
11ac (VHT20)	CH64	3.42	11.00	Pass
11ac (VHT40)	CH54	2.16	11.00	Pass
11ac (VHT40)	CH62	-1.00	11.00	Pass
11ac (VHT80)	CH58	-4.62	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	4.71	11.00	Pass
11a	CH116	7.55	11.00	Pass
11a	CH140	1.71	11.00	Pass
11n (HT20)	CH100	2.76	11.00	Pass
11n (HT20)	CH116	6.36	11.00	Pass
11n (HT20)	CH140	1.88	11.00	Pass
11n (HT40)	CH102	-2.24	11.00	Pass
11n (HT40)	CH118	2.32	11.00	Pass
11n (HT40)	CH134	1.38	11.00	Pass
11ac (VHT20)	CH100	4.82	11.00	Pass
11ac (VHT20)	CH116	6.28	11.00	Pass
11ac (VHT20)	CH140	1.38	11.00	Pass
11ac (VHT40)	CH102	-0.75	11.00	Pass
11ac (VHT40)	CH118	2.24	11.00	Pass
11ac (VHT40)	CH134	1.42	11.00	Pass
11ac (VHT80)	CH106	-5.34	11.00	Pass
11ac (VHT80)	CH122	-2.06	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	3.04	30.00	Pass
11a	CH157	2.83	30.00	Pass
11a	CH165	3.51	30.00	Pass
11n (HT20)	CH149	1.84	30.00	Pass
11n (HT20)	CH157	1.60	30.00	Pass
11n (HT20)	CH165	2.35	30.00	Pass
11n (HT40)	CH151	-2.22	30.00	Pass
11n (HT40)	CH159	-1.97	30.00	Pass
11ac (VHT20)	CH149	1.73	30.00	Pass
11ac (VHT20)	CH157	1.61	30.00	Pass
11ac (VHT20)	CH165	2.17	30.00	Pass
11ac (VHT40)	CH151	-2.36	30.00	Pass
11ac (VHT40)	CH159	-2.09	30.00	Pass
11ac (VHT80)	CH155	-7.05	30.00	Pass

U-NII-2C straddle channel				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH144	6.75	11.00	Pass
11n (HT20)	CH144	6.12	11.00	Pass
11n (HT40)	CH142	3.40	11.00	Pass
11ac (VHT20)	CH144	6.07	11.00	Pass
11ac (VHT40)	CH142	3.49	11.00	Pass
11ac (VHT80)	CH138	0.01	11.00	Pass

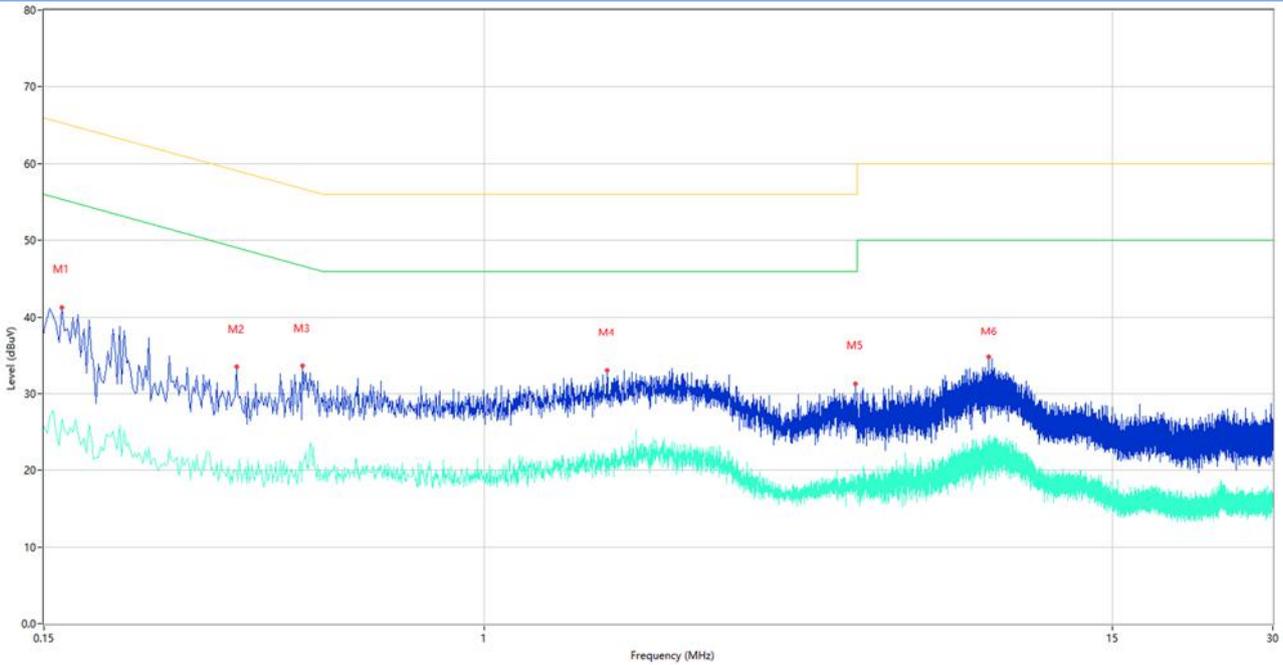
U-NII-3 straddle channel				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH144	4.03	30.00	Pass
11n (HT20)	CH144	3.74	30.00	Pass
11n (HT40)	CH142	-1.17	30.00	Pass
11ac (VHT20)	CH144	3.86	30.00	Pass
11ac (VHT40)	CH142	0.68	30.00	Pass
11ac (VHT80)	CH138	-2.75	30.00	Pass

A.5 Conducted Emissions

Note 1: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.
 Note 2: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

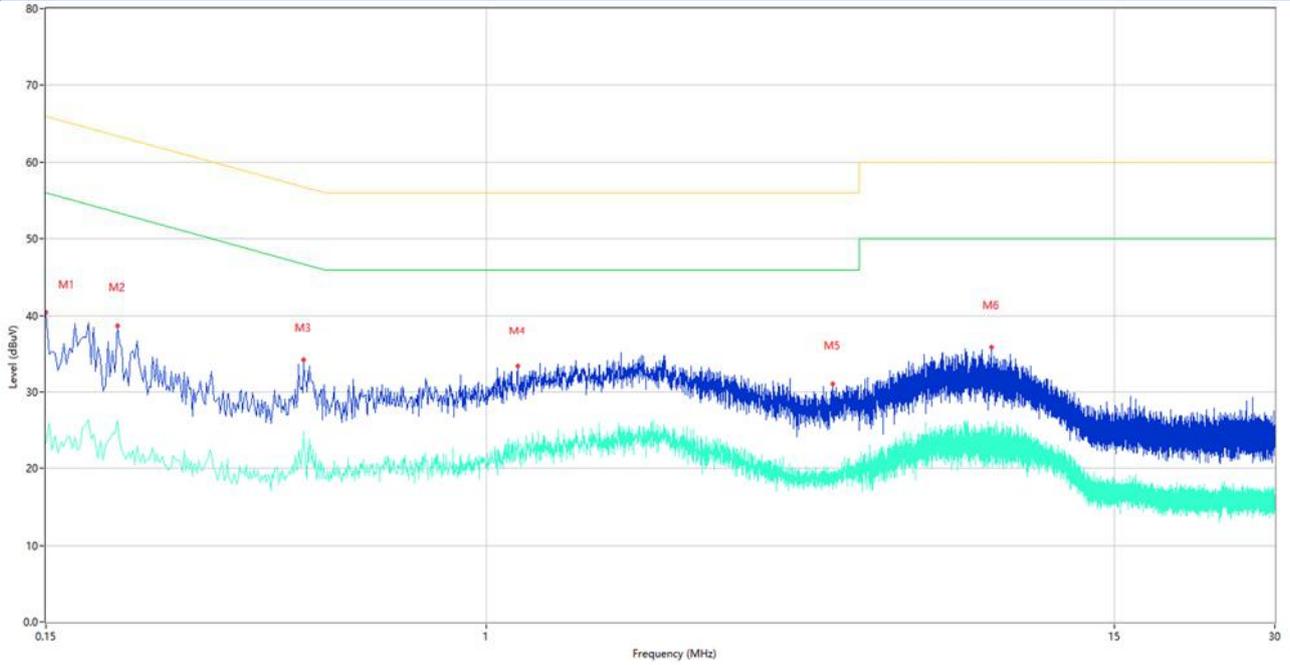
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.162	41.34	10.17	65.36	-24.02	Peak	L	Pass
1**	0.162	26.71	10.17	55.36	-28.65	AV	L	Pass
2	0.344	33.50	10.08	59.11	-25.61	Peak	L	Pass
2**	0.344	20.05	10.08	49.11	-29.06	AV	L	Pass
3	0.458	33.60	10.10	56.73	-23.13	Peak	L	Pass
3**	0.458	20.58	10.10	46.73	-26.15	AV	L	Pass
4	1.698	32.93	9.91	56.00	-23.07	Peak	L	Pass
4**	1.698	21.68	9.91	46.00	-24.32	AV	L	Pass
5	4.970	31.24	9.93	56.00	-24.76	Peak	L	Pass
5**	4.970	17.84	9.93	46.00	-28.16	AV	L	Pass
6	8.800	34.74	10.08	60.00	-25.26	Peak	L	Pass
6**	8.800	23.75	10.08	50.00	-26.25	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.150	40.50	10.19	66.00	-25.50	Peak	N	Pass
1**	0.150	23.31	10.19	56.00	-32.69	AV	N	Pass
2	0.204	38.69	10.10	63.45	-24.76	Peak	N	Pass
2**	0.204	26.31	10.10	53.45	-27.14	AV	N	Pass
3	0.456	34.17	10.10	56.77	-22.60	Peak	N	Pass
3**	0.456	24.74	10.10	46.77	-22.03	AV	N	Pass
4	1.146	33.37	10.01	56.00	-22.63	Peak	N	Pass
4**	1.146	23.72	10.01	46.00	-22.28	AV	N	Pass
5	4.456	30.96	10.02	56.00	-25.04	Peak	N	Pass
5**	4.456	18.69	10.02	46.00	-27.31	AV	N	Pass
6	8.828	35.74	10.08	60.00	-24.26	Peak	N	Pass
6**	8.828	24.64	10.08	50.00	-25.36	AV	N	Pass

A.6 Radiated Spurious Emissions and Band Edge (Restricted-band)

Test Data

Note 1: The symbol of "--" in the table which means not application.

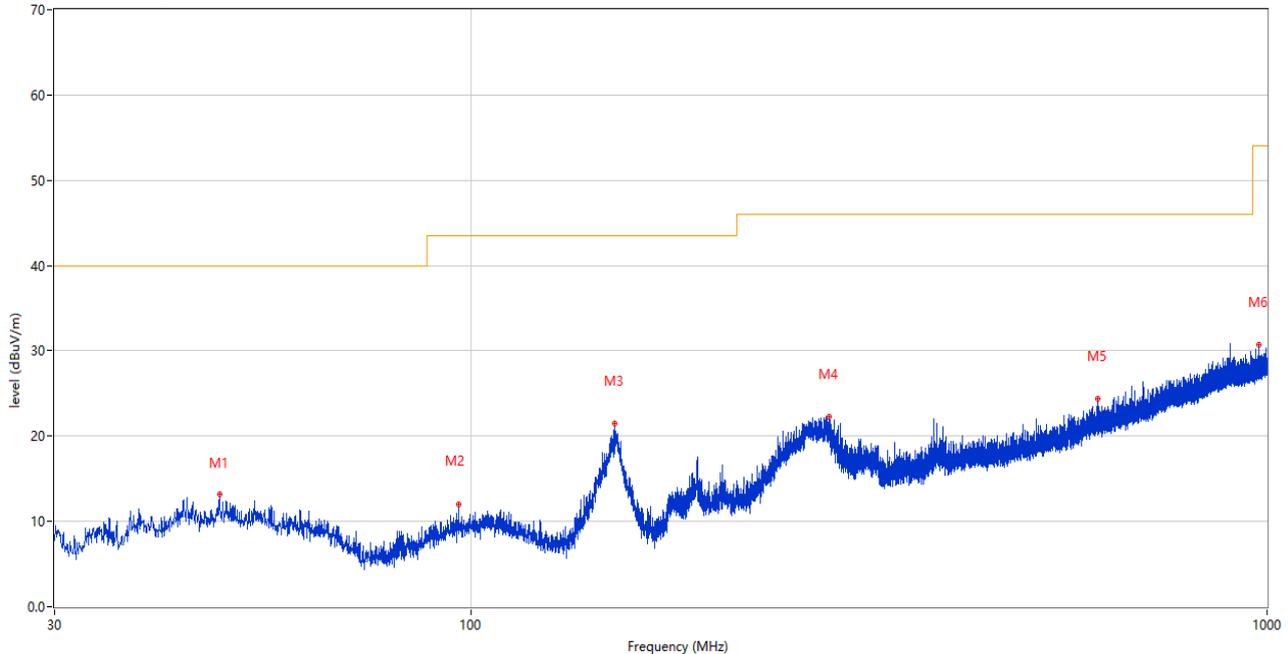
Note 2: For the test data above 1 GHz, According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note 3: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Note 4: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

30 MHz to 1 GHz, ANT H

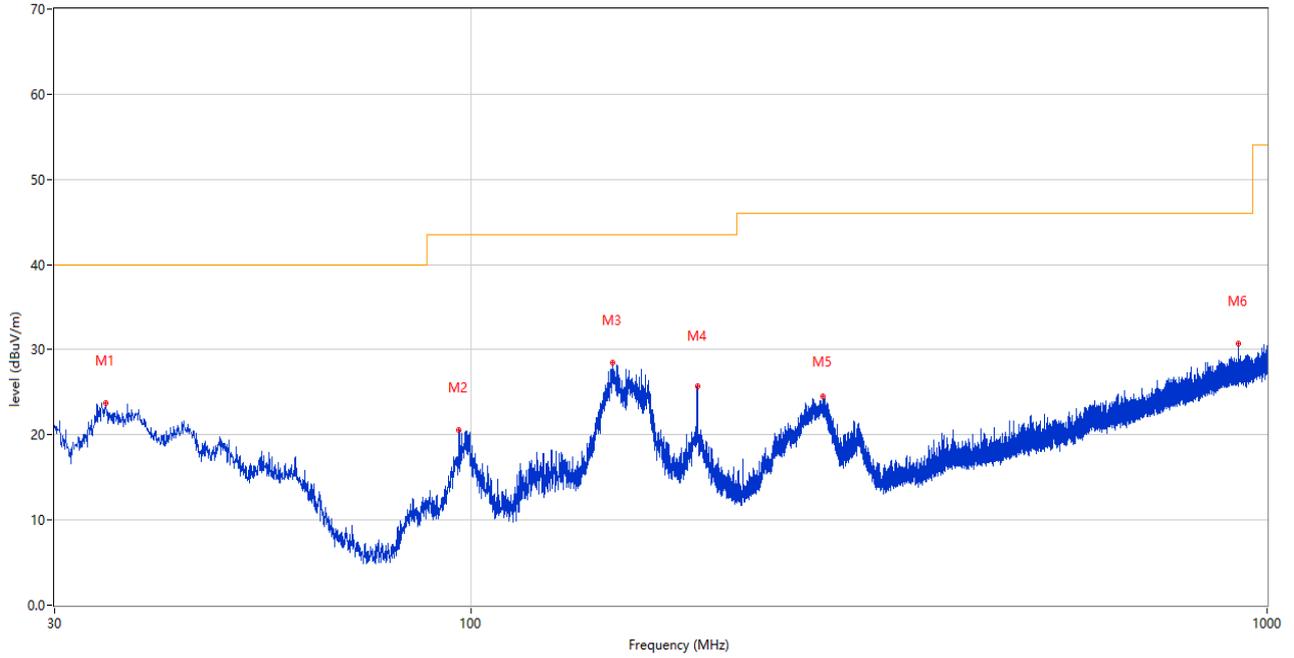
RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	48.333	13.20	-25.37	40.0	-26.80	Peak	0.00	100	Horizontal	Pass
2	96.542	11.93	-27.28	43.5	-31.57	Peak	360.00	200	Horizontal	Pass
3	151.735	21.54	-30.09	43.5	-21.96	Peak	39.00	200	Horizontal	Pass
4	281.618	22.24	-24.15	46.0	-23.76	Peak	225.00	100	Horizontal	Pass
5	612.339	24.37	-15.61	46.0	-21.63	Peak	160.00	200	Horizontal	Pass
6	976.817	30.77	-8.68	54.0	-23.23	Peak	297.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	34.801	23.70	-28.52	40.0	-16.30	Peak	1.00	100	Vertical	Pass
2	96.688	20.58	-27.26	43.5	-22.92	Peak	86.00	100	Vertical	Pass
3	150.814	28.50	-30.10	43.5	-15.00	Peak	16.00	100	Vertical	Pass
4	192.475	25.65	-27.10	43.5	-17.85	Peak	311.00	100	Vertical	Pass
5	277.010	24.55	-24.34	46.0	-21.45	Peak	272.00	100	Vertical	Pass
6	919.345	30.69	-9.73	46.0	-15.31	Peak	361.00	200	Vertical	Pass

Note: The spurious above 18G is noise only, do not show on the report.

11a, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1534.800	39.64	-17.77	68.2	-28.56	Peak	165.00	150	Horizontal	Pass
1**	1534.800	29.17	-17.77	54.0	-24.83	AV	165.00	150	Horizontal	Pass
2	2867.600	44.55	-10.60	68.2	-23.65	Peak	165.00	150	Horizontal	Pass
2**	2867.600	35.30	-10.60	54.0	-18.70	AV	165.00	150	Horizontal	Pass
3	4241.400	48.87	-5.07	68.2	-19.33	Peak	340.00	150	Horizontal	Pass
3**	4241.400	39.42	-5.07	54.0	-14.58	AV	340.00	150	Horizontal	Pass
4	5182.000	109.55	-3.21	--	--	Peak	251.00	150	Horizontal	N/A
4**	5182.000	102.91	-3.21	--	--	AV	251.00	150	Horizontal	N/A
5	7537.625	48.73	-1.70	68.2	-19.47	Peak	210.00	150	Horizontal	Pass
5**	7537.625	39.27	-1.70	54.0	-14.73	AV	210.00	150	Horizontal	Pass
6	11646.000	51.58	2.51	68.2	-16.62	Peak	153.00	150	Horizontal	Pass
6**	11646.000	41.88	2.51	54.0	-12.12	AV	153.00	150	Horizontal	Pass

11a, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1384.100	38.51	-17.51	68.2	-29.69	Peak	170.00	150	Vertical	Pass
1**	1384.100	29.03	-17.51	54.0	-24.97	AV	170.00	150	Vertical	Pass
2	2797.400	44.25	-11.14	68.2	-23.95	Peak	86.00	150	Vertical	Pass
2**	2797.400	34.92	-11.14	54.0	-19.08	AV	86.00	150	Vertical	Pass
3	4209.400	48.90	-5.04	68.2	-19.30	Peak	338.00	150	Vertical	Pass
3**	4209.400	38.81	-5.04	54.0	-15.19	AV	338.00	150	Vertical	Pass
4	5178.200	104.02	-3.14	--	--	Peak	146.00	150	Vertical	N/A
4**	5178.200	96.73	-3.14	--	--	AV	146.00	150	Vertical	N/A
5	7553.150	48.83	-1.56	68.2	-19.37	Peak	351.00	150	Vertical	Pass
5**	7553.150	39.00	-1.56	54.0	-15.00	AV	351.00	150	Vertical	Pass
6	11637.088	51.16	2.41	68.2	-17.04	Peak	1.00	150	Vertical	Pass
6**	11637.088	42.13	2.41	54.0	-11.87	AV	1.00	150	Vertical	Pass

11a, U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1519.600	39.46	-17.74	68.2	-28.74	Peak	197.00	150	Horizontal	Pass
1**	1519.600	28.61	-17.74	54.0	-25.39	AV	197.00	150	Horizontal	Pass
2	2801.800	44.18	-11.11	68.2	-24.02	Peak	317.00	150	Horizontal	Pass
2**	2801.800	34.60	-11.11	54.0	-19.40	AV	317.00	150	Horizontal	Pass
3	4793.000	51.05	-3.69	68.2	-17.15	Peak	141.00	150	Horizontal	Pass
3**	4793.000	40.62	-3.69	54.0	-13.38	AV	141.00	150	Horizontal	Pass
4	5221.800	109.42	-3.43	--	--	Peak	243.00	150	Horizontal	N/A
4**	5221.800	102.14	-3.43	--	--	AV	243.00	150	Horizontal	N/A
5	7553.150	48.86	-1.56	68.2	-19.34	Peak	296.00	150	Horizontal	Pass
5**	7553.150	39.58	-1.56	54.0	-14.42	AV	296.00	150	Horizontal	Pass
	11638.237	51.67	2.43	68.2	-16.53	Peak	87.00	150	Horizontal	Pass
6**	11638.237	42.22	2.43	54.0	-11.78	AV	87.00	150	Horizontal	Pass

11a, U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1584.200	38.91	-17.65	68.2	-29.29	Peak	65.00	150	Vertical	Pass
1**	1584.200	29.30	-17.65	54.0	-24.70	AV	65.00	150	Vertical	Pass
2	2823.900	43.65	-10.52	68.2	-24.55	Peak	350.00	150	Vertical	Pass
2**	2823.900	34.29	-10.52	54.0	-19.71	AV	350.00	150	Vertical	Pass
3	4863.400	50.55	-3.56	68.2	-17.65	Peak	212.00	150	Vertical	Pass
3**	4863.400	41.16	-3.56	54.0	-12.84	AV	212.00	150	Vertical	Pass
4	5218.800	104.63	-3.47	--	--	Peak	336.00	150	Vertical	N/A
4**	5218.800	96.95	-3.47	--	--	AV	336.00	150	Vertical	N/A
5	7490.475	48.67	-1.81	68.2	-19.53	Peak	339.00	150	Vertical	Pass
5**	7490.475	39.02	-1.81	54.0	-14.98	AV	339.00	150	Vertical	Pass
6	11644.849	51.30	2.50	68.2	-16.90	Peak	118.00	150	Vertical	Pass
6**	11644.849	41.93	2.50	54.0	-12.07	AV	118.00	150	Vertical	Pass

11a, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1385.600	38.63	-17.46	68.2	-29.57	Peak	347.00	150	Horizontal	Pass
1**	1385.600	28.88	-17.46	54.0	-25.12	AV	347.00	150	Horizontal	Pass
2	2796.200	44.35	-11.15	68.2	-23.85	Peak	46.00	150	Horizontal	Pass
2**	2796.200	35.40	-11.15	54.0	-18.60	AV	46.00	150	Horizontal	Pass
3	4890.400	51.15	-3.62	68.2	-17.05	Peak	308.00	150	Horizontal	Pass
3**	4890.400	41.73	-3.62	54.0	-12.27	AV	308.00	150	Horizontal	Pass
4	5241.600	109.62	-3.71	--	--	Peak	242.00	150	Horizontal	N/A
4**	5241.600	102.12	-3.71	--	--	AV	242.00	150	Horizontal	N/A
5	7400.200	49.24	-1.61	68.2	-18.96	Peak	58.00	150	Horizontal	Pass
5**	7400.200	40.76	-1.61	54.0	-13.24	AV	58.00	150	Horizontal	Pass
6	11683.375	51.48	2.42	68.2	-16.72	Peak	360.00	150	Horizontal	Pass
6**	11683.375	41.72	2.42	54.0	-12.28	AV	360.00	150	Horizontal	Pass

11a, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1336.300	39.24	-17.68	68.2	-28.96	Peak	18.00	150	Vertical	Pass
1**	1336.300	28.24	-17.68	54.0	-25.76	AV	18.00	150	Vertical	Pass
2	2774.500	44.66	-11.19	68.2	-23.54	Peak	155.00	150	Vertical	Pass
2**	2774.500	34.35	-11.19	54.0	-19.65	AV	155.00	150	Vertical	Pass
3	4559.800	50.29	-4.28	68.2	-17.91	Peak	0.00	150	Vertical	Pass
3**	4559.800	39.65	-4.28	54.0	-14.35	AV	0.00	150	Vertical	Pass
4	5238.200	104.95	-3.65	--	--	Peak	1.00	150	Vertical	N/A
4**	5238.200	98.02	-3.65	--	--	AV	1.00	150	Vertical	N/A
5	7412.562	48.32	-1.89	68.2	-19.88	Peak	284.00	150	Vertical	Pass
5**	7412.562	39.06	-1.89	54.0	-14.94	AV	284.00	150	Vertical	Pass
6	11680.787	50.98	2.43	68.2	-17.22	Peak	228.00	150	Vertical	Pass
6**	11680.787	41.85	2.43	54.0	-12.15	AV	228.00	150	Vertical	Pass

11n20, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1334.500	38.21	-17.75	68.2	-29.99	Peak	360.00	150	Horizontal	Pass
1**	1334.500	28.11	-17.75	54.0	-25.89	AV	360.00	150	Horizontal	Pass
2	2755.900	43.99	-10.88	68.2	-24.21	Peak	162.00	150	Horizontal	Pass
2**	2755.900	34.58	-10.88	54.0	-19.42	AV	162.00	150	Horizontal	Pass
3	4874.600	50.24	-3.64	68.2	-17.96	Peak	177.00	150	Horizontal	Pass
3**	4874.600	41.64	-3.64	54.0	-12.36	AV	177.00	150	Horizontal	Pass
4	5178.200	108.69	-3.14	--	--	Peak	246.00	150	Horizontal	N/A
4**	5178.200	101.37	-3.14	--	--	AV	246.00	150	Horizontal	N/A
5	7487.312	48.97	-1.85	68.2	-19.23	Peak	310.00	150	Horizontal	Pass
5**	7487.312	40.03	-1.85	54.0	-13.97	AV	310.00	150	Horizontal	Pass
6	11702.638	51.02	2.26	68.2	-17.18	Peak	55.00	150	Horizontal	Pass
6**	11702.638	42.41	2.26	54.0	-11.59	AV	55.00	150	Horizontal	Pass

11n20, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1569.400	38.76	-17.59	68.2	-29.44	Peak	215.00	150	Vertical	Pass
1**	1569.400	30.10	-17.59	54.0	-23.90	AV	215.00	150	Vertical	Pass
2	2750.800	43.67	-10.85	68.2	-24.53	Peak	281.00	150	Vertical	Pass
2**	2750.800	34.56	-10.85	54.0	-19.44	AV	281.00	150	Vertical	Pass
3	4835.200	50.27	-3.62	68.2	-17.93	Peak	287.00	150	Vertical	Pass
3**	4835.200	40.85	-3.62	54.0	-13.15	AV	287.00	150	Vertical	Pass
4	5181.400	102.81	-3.19	--	--	Peak	157.00	150	Vertical	N/A
4**	5181.400	95.72	-3.19	--	--	AV	157.00	150	Vertical	N/A
5	7405.087	49.18	-1.72	68.2	-19.02	Peak	360.00	150	Vertical	Pass
5**	7405.087	38.66	-1.72	54.0	-15.34	AV	360.00	150	Vertical	Pass
6	11698.326	51.28	2.32	68.2	-16.92	Peak	2.00	150	Vertical	Pass
6**	11698.326	41.57	2.32	54.0	-12.43	AV	2.00	150	Vertical	Pass

11n20, U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1538.000	38.04	-17.72	68.2	-30.16	Peak	176.00	150	Horizontal	Pass
1**	1538.000	28.97	-17.72	54.0	-25.03	AV	176.00	150	Horizontal	Pass
2	2837.500	43.75	-10.81	68.2	-24.45	Peak	242.00	150	Horizontal	Pass
2**	2837.500	34.19	-10.81	54.0	-19.81	AV	242.00	150	Horizontal	Pass
3	4863.000	50.71	-3.56	68.2	-17.49	Peak	3.00	150	Horizontal	Pass
3**	4863.000	40.29	-3.56	54.0	-13.71	AV	3.00	150	Horizontal	Pass
4	5221.800	109.08	-3.43	--	--	Peak	242.00	150	Horizontal	N/A
4**	5221.800	101.36	-3.43	--	--	AV	242.00	150	Horizontal	N/A
5	7496.513	48.77	-1.85	68.2	-19.43	Peak	83.00	150	Horizontal	Pass
5**	7496.513	39.58	-1.85	54.0	-14.42	AV	83.00	150	Horizontal	Pass
6	11703.213	51.09	2.25	68.2	-17.11	Peak	197.00	150	Horizontal	Pass
6**	11703.213	41.08	2.25	54.0	-12.92	AV	197.00	150	Horizontal	Pass

11n20, U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.300	38.59	-17.72	68.2	-29.61	Peak	249.00	150	Vertical	Pass
1**	1496.300	28.89	-17.72	54.0	-25.11	AV	249.00	150	Vertical	Pass
2	2786.600	43.67	-11.08	68.2	-24.53	Peak	39.00	150	Vertical	Pass
2**	2786.600	34.09	-11.08	54.0	-19.91	AV	39.00	150	Vertical	Pass
3	4845.200	50.06	-3.54	68.2	-18.14	Peak	193.00	150	Vertical	Pass
3**	4845.200	41.50	-3.54	54.0	-12.50	AV	193.00	150	Vertical	Pass
4	5218.800	103.37	-3.47	--	--	Peak	133.00	150	Vertical	N/A
4**	5218.800	96.72	-3.47	--	--	AV	133.00	150	Vertical	N/A
5	7383.525	48.65	-1.75	68.2	-19.55	Peak	183.00	150	Vertical	Pass
5**	7383.525	39.19	-1.75	54.0	-14.81	AV	183.00	150	Vertical	Pass
6	11699.763	50.71	2.30	68.2	-17.49	Peak	325.00	150	Vertical	Pass
6**	11699.763	41.73	2.30	54.0	-12.27	AV	325.00	150	Vertical	Pass

11n20, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1352.300	38.11	-17.61	68.2	-30.09	Peak	170.00	150	Horizontal	Pass
1**	1352.300	29.15	-17.61	54.0	-24.85	AV	170.00	150	Horizontal	Pass
2	2739.700	43.96	-10.68	68.2	-24.24	Peak	1.00	150	Horizontal	Pass
2**	2739.700	34.98	-10.68	54.0	-19.02	AV	1.00	150	Horizontal	Pass
3	4784.000	50.54	-3.70	68.2	-17.66	Peak	108.00	150	Horizontal	Pass
3**	4784.000	41.32	-3.70	54.0	-12.68	AV	108.00	150	Horizontal	Pass
4	5238.400	108.46	-3.65	--	-128.54	Peak	237.00	150	Horizontal	N/A
4**	5238.400	100.76	-3.65	--	100.76	AV	237.00	150	Horizontal	N/A
5	7487.600	48.46	-1.85	68.2	-19.74	Peak	185.00	150	Horizontal	Pass
5**	7487.600	40.03	-1.85	54.0	-13.97	AV	185.00	150	Horizontal	Pass
6	11692.575	51.00	2.36	68.2	-17.20	Peak	185.00	150	Horizontal	Pass
6**	11692.575	42.14	2.36	54.0	-11.86	AV	185.00	150	Horizontal	Pass

11n20, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1391.700	38.35	-17.47	68.2	-29.85	Peak	3.00	150	Vertical	Pass
1**	1391.700	28.88	-17.47	54.0	-25.12	AV	3.00	150	Vertical	Pass
2	2805.200	44.10	-11.05	68.2	-24.10	Peak	120.00	150	Vertical	Pass
2**	2805.200	34.28	-11.05	54.0	-19.72	AV	120.00	150	Vertical	Pass
3	4839.400	50.74	-3.50	68.2	-17.46	Peak	96.00	150	Vertical	Pass
3**	4839.400	41.48	-3.50	54.0	-12.52	AV	96.00	150	Vertical	Pass
4	5241.200	103.10	-3.70	--	--	Peak	0.00	150	Vertical	N/A
4**	5241.200	96.10	-3.70	--	--	AV	0.00	150	Vertical	N/A
5	7551.138	48.48	-1.58	68.2	-19.72	Peak	263.00	150	Vertical	Pass
5**	7551.138	39.89	-1.58	54.0	-14.11	AV	263.00	150	Vertical	Pass
6	11659.225	51.28	2.52	68.2	-16.92	Peak	136.00	150	Vertical	Pass
6**	11659.225	42.38	2.52	54.0	-11.62	AV	136.00	150	Vertical	Pass

11n40, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1354.400	38.98	-17.57	68.2	-29.22	Peak	360.00	150	Horizontal	Pass
1**	1354.400	29.14	-17.57	54.0	-24.86	AV	360.00	150	Horizontal	Pass
2	2747.100	44.51	-10.77	68.2	-23.69	Peak	240.00	150	Horizontal	Pass
2**	2747.100	34.36	-10.77	54.0	-19.64	AV	240.00	150	Horizontal	Pass
3	4795.200	50.17	-3.64	68.2	-18.03	Peak	0.00	150	Horizontal	Pass
3**	4795.200	40.73	-3.64	54.0	-13.27	AV	0.00	150	Horizontal	Pass
4	5188.200	105.01	-3.16	--	--	Peak	236.00	150	Horizontal	N/A
4**	5188.200	97.73	-3.16	--	--	AV	236.00	150	Horizontal	N/A
5	7434.700	48.97	-2.30	68.2	-19.23	Peak	222.00	150	Horizontal	Pass
5**	7434.700	39.15	-2.30	54.0	-14.85	AV	222.00	150	Horizontal	Pass
6	11660.375	51.40	2.51	68.2	-16.80	Peak	0.00	150	Horizontal	Pass
6**	11660.375	42.18	2.51	54.0	-11.82	AV	0.00	150	Horizontal	Pass

11n40, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1454.500	39.12	-17.62	68.2	-29.08	Peak	103.00	150	Vertical	Pass
1**	1454.500	29.42	-17.62	54.0	-24.58	AV	103.00	150	Vertical	Pass
2	2789.400	44.36	-11.08	68.2	-23.84	Peak	264.00	150	Vertical	Pass
2**	2789.400	35.54	-11.08	54.0	-18.46	AV	264.00	150	Vertical	Pass
3	4882.200	50.48	-3.64	68.2	-17.72	Peak	84.00	150	Vertical	Pass
3**	4882.200	40.86	-3.64	54.0	-13.14	AV	84.00	150	Vertical	Pass
4	5188.600	100.60	-3.17	--	--	Peak	341.00	150	Vertical	N/A
4**	5188.600	92.29	-3.17	--	--	AV	341.00	150	Vertical	N/A
5	7541.938	49.07	-1.64	68.2	-19.13	Peak	164.00	150	Vertical	Pass
5**	7541.938	39.81	-1.64	54.0	-14.19	AV	164.00	150	Vertical	Pass
6	11645.425	51.14	2.51	68.2	-17.06	Peak	317.00	150	Vertical	Pass
6**	11645.425	41.87	2.51	54.0	-12.13	AV	317.00	150	Vertical	Pass

11n40, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1388.100	38.64	-17.44	68.2	-29.56	Peak	149.00	150	Horizontal	Pass
1**	1388.100	29.87	-17.44	54.0	-24.13	AV	149.00	150	Horizontal	Pass
2	2807.600	44.44	-10.92	68.2	-23.76	Peak	175.00	150	Horizontal	Pass
2**	2807.600	34.57	-10.92	54.0	-19.43	AV	175.00	150	Horizontal	Pass
3	4877.400	50.72	-3.59	68.2	-17.48	Peak	302.00	150	Horizontal	Pass
3**	4877.400	41.50	-3.59	54.0	-12.50	AV	302.00	150	Horizontal	Pass
4	5227.200	104.95	-3.50	--	--	Peak	234.00	150	Horizontal	N/A
4**	5227.200	97.17	-3.50	--	--	AV	234.00	150	Horizontal	N/A
5	7387.550	49.23	-1.73	68.2	-18.97	Peak	50.00	150	Horizontal	Pass
5**	7387.550	40.45	-1.73	54.0	-13.55	AV	50.00	150	Horizontal	Pass
6	11702.925	50.91	2.26	68.2	-17.29	Peak	336.00	150	Horizontal	Pass
6**	11702.925	41.36	2.26	54.0	-12.64	AV	336.00	150	Horizontal	Pass

11n40, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1397.400	38.18	-17.61	68.2	-30.02	Peak	272.00	150	Vertical	Pass
1**	1397.400	28.78	-17.61	54.0	-25.22	AV	272.00	150	Vertical	Pass
2	2821.600	44.19	-10.54	68.2	-24.01	Peak	299.00	150	Vertical	Pass
2**	2821.600	34.64	-10.54	54.0	-19.36	AV	299.00	150	Vertical	Pass
3	4822.400	50.23	-3.65	68.2	-17.97	Peak	1.00	150	Vertical	Pass
3**	4822.400	41.18	-3.65	54.0	-12.82	AV	1.00	150	Vertical	Pass
4	5233.400	99.28	-3.61	--	--	Peak	355.00	150	Vertical	N/A
4**	5233.400	91.88	-3.61	--	--	AV	355.00	150	Vertical	N/A
5	7476.675	48.71	-1.96	68.2	-19.49	Peak	52.00	150	Vertical	Pass
5**	7476.675	38.93	-1.96	54.0	-15.07	AV	52.00	150	Vertical	Pass
6	11694.588	50.91	2.35	68.2	-17.29	Peak	125.00	150	Vertical	Pass
6**	11694.588	41.60	2.35	54.0	-12.40	AV	125.00	150	Vertical	Pass

11ac20, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.300	38.75	-17.68	68.2	-29.45	Peak	77.00	150	Horizontal	Pass
1**	1500.300	28.69	-17.68	54.0	-25.31	AV	77.00	150	Horizontal	Pass
2	2719.700	44.33	-11.15	68.2	-23.87	Peak	196.00	150	Horizontal	Pass
2**	2719.700	34.30	-11.15	54.0	-19.70	AV	196.00	150	Horizontal	Pass
3	4801.000	50.46	-3.52	68.2	-17.74	Peak	180.00	150	Horizontal	Pass
3**	4801.000	40.79	-3.52	54.0	-13.21	AV	180.00	150	Horizontal	Pass
4	5181.200	108.63	-3.19	--	--	Peak	241.00	150	Horizontal	N/A
4**	5181.200	101.19	-3.19	--	--	AV	241.00	150	Horizontal	N/A
5	7464.600	49.05	-2.08	68.2	-19.15	Peak	224.00	150	Horizontal	Pass
5**	7464.600	38.55	-2.08	54.0	-15.45	AV	224.00	150	Horizontal	Pass
6	11679.062	52.23	2.44	68.2	-15.97	Peak	238.00	150	Horizontal	Pass
6**	11679.062	41.52	2.44	54.0	-12.48	AV	238.00	150	Horizontal	Pass

11ac20, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1353.000	39.19	-17.60	68.2	-29.01	Peak	82.00	150	Vertical	Pass
1**	1353.000	28.88	-17.60	54.0	-25.12	AV	82.00	150	Vertical	Pass
2	2747.400	44.50	-10.78	68.2	-23.70	Peak	36.00	150	Vertical	Pass
2**	2747.400	35.35	-10.78	54.0	-18.65	AV	36.00	150	Vertical	Pass
3	4800.600	49.91	-3.52	68.2	-18.29	Peak	216.00	150	Vertical	Pass
3**	4800.600	41.31	-3.52	54.0	-12.69	AV	216.00	150	Vertical	Pass
4	5181.200	103.05	-3.19	--	--	Peak	329.00	150	Vertical	N/A
4**	5181.200	95.66	-3.19	--	--	AV	329.00	150	Vertical	N/A
5	7585.925	48.97	-2.32	68.2	-19.23	Peak	314.00	150	Vertical	Pass
5**	7585.925	39.37	-2.32	54.0	-14.63	AV	314.00	150	Vertical	Pass
6	11675.612	50.84	2.45	68.2	-17.36	Peak	262.00	150	Vertical	Pass
6**	11675.612	42.69	2.45	54.0	-11.31	AV	262.00	150	Vertical	Pass

11ac20, U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1570.800	38.21	-17.60	68.2	-29.99	Peak	335.00	150	Horizontal	Pass
1**	1570.800	29.26	-17.60	54.0	-24.74	AV	335.00	150	Horizontal	Pass
2	2730.100	43.67	-10.68	68.2	-24.53	Peak	50.00	150	Horizontal	Pass
2**	2730.100	34.70	-10.68	54.0	-19.30	AV	50.00	150	Horizontal	Pass
3	4807.200	50.33	-3.52	68.2	-17.87	Peak	222.00	150	Horizontal	Pass
3**	4807.200	41.40	-3.52	54.0	-12.60	AV	222.00	150	Horizontal	Pass
4	5221.200	108.94	-3.42	--	--	Peak	230.00	150	Horizontal	N/A
4**	5221.200	101.26	-3.42	--	--	AV	230.00	150	Horizontal	N/A
5	7491.050	48.53	-1.82	68.2	-19.67	Peak	295.00	150	Horizontal	Pass
5**	7491.050	39.08	-1.82	54.0	-14.92	AV	295.00	150	Horizontal	Pass
6	11620.125	50.96	2.23	68.2	-17.24	Peak	1.00	150	Horizontal	Pass
6**	11620.125	40.82	2.23	54.0	-13.18	AV	1.00	150	Horizontal	Pass

11ac20, U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1321.700	38.59	-17.53	68.2	-29.61	Peak	63.00	150	Vertical	Pass
1**	1321.700	28.99	-17.53	54.0	-25.01	AV	63.00	150	Vertical	Pass
2	2775.600	43.98	-11.18	68.2	-24.22	Peak	111.00	150	Vertical	Pass
2**	2775.600	34.29	-11.18	54.0	-19.71	AV	111.00	150	Vertical	Pass
3	4861.000	50.43	-3.52	68.2	-17.77	Peak	247.00	150	Vertical	Pass
3**	4861.000	41.02	-3.52	54.0	-12.98	AV	247.00	150	Vertical	Pass
4	5217.800	103.39	-3.44	--	--	Peak	336.00	150	Vertical	N/A
4**	5217.800	95.47	-3.44	--	--	AV	336.00	150	Vertical	N/A
5	7392.725	49.69	-1.71	68.2	-18.51	Peak	0.00	150	Vertical	Pass
5**	7392.725	39.66	-1.71	54.0	-14.34	AV	0.00	150	Vertical	Pass
6	11684.813	50.81	2.42	68.2	-17.39	Peak	21.00	150	Vertical	Pass
6**	11684.813	41.65	2.42	54.0	-12.35	AV	21.00	150	Vertical	Pass

11ac20, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1456.100	39.73	-17.63	68.2	-28.47	Peak	112.00	150	Horizontal	Pass
1**	1456.100	28.54	-17.63	54.0	-25.46	AV	112.00	150	Horizontal	Pass
2	2822.400	43.92	-10.52	68.2	-24.28	Peak	274.00	150	Horizontal	Pass
2**	2822.400	34.96	-10.52	54.0	-19.04	AV	274.00	150	Horizontal	Pass
3	4591.200	50.47	-4.31	68.2	-17.73	Peak	3.00	150	Horizontal	Pass
3**	4591.200	40.00	-4.31	54.0	-14.00	AV	3.00	150	Horizontal	Pass
4	5241.400	108.24	-3.70	--	--	Peak	237.00	150	Horizontal	N/A
4**	5241.400	100.80	-3.70	--	--	AV	237.00	150	Horizontal	N/A
5	7557.175	48.26	-1.66	68.2	-19.94	Peak	8.00	150	Horizontal	Pass
5**	7557.175	40.02	-1.66	54.0	-13.98	AV	8.00	150	Horizontal	Pass
6	11668.712	50.98	2.48	68.2	-17.22	Peak	359.00	150	Horizontal	Pass
6**	11668.712	42.41	2.48	54.0	-11.59	AV	359.00	150	Horizontal	Pass

11ac20, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1570.400	38.49	-17.60	68.2	-29.71	Peak	116.00	150	Vertical	Pass
1**	1570.400	29.18	-17.60	54.0	-24.82	AV	116.00	150	Vertical	Pass
2	2806.700	44.09	-10.97	68.2	-24.11	Peak	325.00	150	Vertical	Pass
2**	2806.700	34.60	-10.97	54.0	-19.40	AV	325.00	150	Vertical	Pass
3	4944.600	50.94	-3.88	68.2	-17.26	Peak	341.00	150	Vertical	Pass
3**	4944.600	41.47	-3.88	54.0	-12.53	AV	341.00	150	Vertical	Pass
4	5241.600	103.25	-3.71	--	--	Peak	358.00	150	Vertical	N/A
4**	5241.600	95.94	-3.71	--	--	AV	358.00	150	Vertical	N/A
5	7485.587	48.82	-1.88	68.2	-19.38	Peak	64.00	150	Vertical	Pass
5**	7485.587	39.48	-1.88	54.0	-14.52	AV	64.00	150	Vertical	Pass
6	11659.225	51.97	2.52	68.2	-16.23	Peak	237.00	150	Vertical	Pass
6**	11659.225	41.61	2.52	54.0	-12.39	AV	237.00	150	Vertical	Pass

11ac40, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1466.100	39.01	-17.77	68.2	-29.19	Peak	311.00	150	Horizontal	Pass
1**	1466.100	29.38	-17.77	54.0	-24.62	AV	311.00	150	Horizontal	Pass
2	2817.100	44.13	-10.64	68.2	-24.07	Peak	300.00	150	Horizontal	Pass
2**	2817.100	34.34	-10.64	54.0	-19.66	AV	300.00	150	Horizontal	Pass
3	4883.200	50.59	-3.62	68.2	-17.61	Peak	252.00	150	Horizontal	Pass
3**	4883.200	41.07	-3.62	54.0	-12.93	AV	252.00	150	Horizontal	Pass
4	5191.600	105.16	-3.24	--	--	Peak	235.00	150	Horizontal	N/A
4**	5191.600	97.22	-3.24	--	--	AV	235.00	150	Horizontal	N/A
5	7547.400	48.83	-1.58	68.2	-19.37	Peak	352.00	150	Horizontal	Pass
5**	7547.400	39.38	-1.58	54.0	-14.62	AV	352.00	150	Horizontal	Pass
6	11691.138	50.62	2.38	68.2	-17.58	Peak	108.00	150	Horizontal	Pass
6**	11691.138	41.50	2.38	54.0	-12.50	AV	108.00	150	Horizontal	Pass

11ac40, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1489.100	38.70	-17.72	68.2	-29.50	Peak	111.00	150	Vertical	Pass
1**	1489.100	29.46	-17.72	54.0	-24.54	AV	111.00	150	Vertical	Pass
2	2790.800	43.85	-11.11	68.2	-24.35	Peak	355.00	150	Vertical	Pass
2**	2790.800	35.27	-11.11	54.0	-18.73	AV	355.00	150	Vertical	Pass
3	4883.400	50.19	-3.61	68.2	-18.01	Peak	338.00	150	Vertical	Pass
3**	4883.400	41.26	-3.61	54.0	-12.74	AV	338.00	150	Vertical	Pass
4	5191.600	99.88	-3.24	--	--	Peak	328.00	150	Vertical	N/A
4**	5191.600	92.29	-3.24	--	--	AV	328.00	150	Vertical	N/A
5	7442.750	49.07	-2.36	68.2	-19.13	Peak	162.00	150	Vertical	Pass
5**	7442.750	39.25	-2.36	54.0	-14.75	AV	162.00	150	Vertical	Pass
6	12231.925	51.58	2.62	68.2	-16.62	Peak	211.00	150	Vertical	Pass
6**	12231.925	41.86	2.62	54.0	-12.14	AV	211.00	150	Vertical	Pass

11ac40, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1569.600	38.83	-17.59	68.2	-29.37	Peak	0.00	150	Horizontal	Pass
1**	1569.600	29.89	-17.59	54.0	-24.11	AV	0.00	150	Horizontal	Pass
2	2811.500	43.54	-10.82	68.2	-24.66	Peak	155.00	150	Horizontal	Pass
2**	2811.500	35.12	-10.82	54.0	-18.88	AV	155.00	150	Horizontal	Pass
3	4877.600	50.41	-3.59	68.2	-17.79	Peak	219.00	150	Horizontal	Pass
3**	4877.600	40.82	-3.59	54.0	-13.18	AV	219.00	150	Horizontal	Pass
4	5228.400	106.02	-3.53	--	--	Peak	229.00	150	Horizontal	N/A
4**	5228.400	97.76	-3.53	--	--	AV	229.00	150	Horizontal	N/A
5	7426.937	48.65	-2.13	68.2	-19.55	Peak	177.00	150	Horizontal	Pass
5**	7426.937	39.07	-2.13	54.0	-14.93	AV	177.00	150	Horizontal	Pass
6	11679.062	51.53	2.44	68.2	-16.67	Peak	222.00	150	Horizontal	Pass
6**	11679.062	42.19	2.44	54.0	-11.81	AV	222.00	150	Horizontal	Pass

11ac40, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1517.800	38.59	-17.74	68.2	-29.61	Peak	328.00	150	Vertical	Pass
1**	1517.800	28.65	-17.74	54.0	-25.35	AV	328.00	150	Vertical	Pass
2	2860.200	44.90	-10.55	68.2	-23.30	Peak	98.00	150	Vertical	Pass
2**	2860.200	34.62	-10.55	54.0	-19.38	AV	98.00	150	Vertical	Pass
3	4825.000	50.75	-3.64	68.2	-17.45	Peak	261.00	150	Vertical	Pass
3**	4825.000	41.15	-3.64	54.0	-12.85	AV	261.00	150	Vertical	Pass
4	5232.000	99.54	-3.60	--	--	Peak	356.00	150	Vertical	N/A
4**	5232.000	92.44	-3.60	--	--	AV	356.00	150	Vertical	N/A
5	7483.288	48.83	-1.87	68.2	-19.37	Peak	312.00	150	Vertical	Pass
5**	7483.288	39.81	-1.87	54.0	-14.19	AV	312.00	150	Vertical	Pass
6	11635.651	50.67	2.40	68.2	-17.53	Peak	153.00	150	Vertical	Pass
6**	11635.651	41.53	2.40	54.0	-12.47	AV	153.00	150	Vertical	Pass

11ac80, U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1490.800	38.86	-17.73	68.2	-29.34	Peak	220.00	150	Horizontal	Pass
1**	1490.800	29.15	-17.73	54.0	-24.85	AV	220.00	150	Horizontal	Pass
2	2727.700	44.81	-10.71	68.2	-23.39	Peak	107.00	150	Horizontal	Pass
2**	2727.700	35.03	-10.71	54.0	-18.97	AV	107.00	150	Horizontal	Pass
3	4669.000	49.57	-4.51	68.2	-18.63	Peak	346.00	150	Horizontal	Pass
3**	4669.000	40.79	-4.51	54.0	-13.21	AV	346.00	150	Horizontal	Pass
4	5213.000	101.10	-3.42	--	--	Peak	242.00	150	Horizontal	N/A
4**	5213.000	93.74	-3.42	--	--	AV	242.00	150	Horizontal	N/A
5	7413.425	48.72	-1.88	68.2	-19.48	Peak	212.00	150	Horizontal	Pass
5**	7413.425	38.60	-1.88	54.0	-15.40	AV	212.00	150	Horizontal	Pass
6	11675.900	51.71	2.45	68.2	-16.49	Peak	270.00	150	Horizontal	Pass
6**	11675.900	42.08	2.45	54.0	-11.92	AV	270.00	150	Horizontal	Pass

11ac80, U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1536.300	38.70	-17.66	68.2	-29.50	Peak	278.00	150	Vertical	Pass
1**	1536.300	28.98	-17.66	54.0	-25.02	AV	278.00	150	Vertical	Pass
2	2787.700	43.81	-11.07	68.2	-24.39	Peak	1.00	150	Vertical	Pass
2**	2787.700	34.20	-11.07	54.0	-19.80	AV	1.00	150	Vertical	Pass
3	4898.800	50.66	-3.56	68.2	-17.54	Peak	360.00	150	Vertical	Pass
3**	4898.800	41.49	-3.56	54.0	-12.51	AV	360.00	150	Vertical	Pass
4	5212.200	95.18	-3.41	--	--	Peak	338.00	150	Vertical	N/A
4**	5212.200	86.88	-3.41	--	--	AV	338.00	150	Vertical	N/A
5	7391.862	48.87	-1.72	68.2	-19.33	Peak	352.00	150	Vertical	Pass
5**	7391.862	39.22	-1.72	54.0	-14.78	AV	352.00	150	Vertical	Pass
6	11673.888	51.04	2.46	68.2	-17.16	Peak	324.00	150	Vertical	Pass
6**	11673.888	42.32	2.46	54.0	-11.68	AV	324.00	150	Vertical	Pass

11a, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1352.400	39.28	-17.61	68.2	-28.92	Peak	21.00	150	Horizontal	Pass
1**	1352.400	29.33	-17.61	54.0	-24.67	AV	21.00	150	Horizontal	Pass
2	2811.600	43.95	-10.82	68.2	-24.25	Peak	172.00	150	Horizontal	Pass
2**	2811.600	34.80	-10.82	54.0	-19.20	AV	172.00	150	Horizontal	Pass
3	4874.200	50.46	-3.63	68.2	-17.74	Peak	175.00	150	Horizontal	Pass
3**	4874.200	40.57	-3.63	54.0	-13.43	AV	175.00	150	Horizontal	Pass
4	5258.600	108.73	-3.82	--	--	Peak	238.00	150	Horizontal	N/A
4**	5258.600	101.03	-3.82	--	--	AV	238.00	150	Horizontal	N/A
5	7464.025	48.34	-2.10	68.2	-19.86	Peak	114.00	150	Horizontal	Pass
5**	7464.025	38.09	-2.10	54.0	-15.91	AV	114.00	150	Horizontal	Pass
6	11633.925	51.06	2.38	68.2	-17.14	Peak	262.00	150	Horizontal	Pass
6**	11633.925	41.10	2.38	54.0	-12.90	AV	262.00	150	Horizontal	Pass

11a, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1353.800	38.21	-17.58	68.2	-29.99	Peak	268.00	150	Vertical	Pass
1**	1353.800	29.33	-17.58	54.0	-24.67	AV	268.00	150	Vertical	Pass
2	2724.900	44.43	-10.76	68.2	-23.77	Peak	216.00	150	Vertical	Pass
2**	2724.900	35.09	-10.76	54.0	-18.91	AV	216.00	150	Vertical	Pass
3	4802.400	49.99	-3.49	68.2	-18.21	Peak	354.00	150	Vertical	Pass
3**	4802.400	40.60	-3.49	54.0	-13.40	AV	354.00	150	Vertical	Pass
4	5258.800	104.71	-3.81	--	--	Peak	344.00	150	Vertical	N/A
4**	5258.800	97.32	-3.81	--	--	AV	344.00	150	Vertical	N/A
5	7471.500	48.47	-2.03	68.2	-19.73	Peak	36.00	150	Vertical	Pass
5**	7471.500	39.23	-2.03	54.0	-14.77	AV	36.00	150	Vertical	Pass
6	11740.013	50.77	1.70	68.2	-17.43	Peak	140.00	150	Vertical	Pass
6**	11740.013	41.01	1.70	54.0	-12.99	AV	140.00	150	Vertical	Pass

11a, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1514.800	39.02	-17.78	68.2	-29.18	Peak	194.00	150	Horizontal	Pass
1**	1514.800	29.28	-17.78	54.0	-24.72	AV	194.00	150	Horizontal	Pass
2	2735.700	43.79	-10.77	68.2	-24.41	Peak	94.00	150	Horizontal	Pass
2**	2735.700	35.38	-10.77	54.0	-18.62	AV	94.00	150	Horizontal	Pass
3	4784.400	50.63	-3.69	68.2	-17.57	Peak	43.00	150	Horizontal	Pass
3**	4784.400	41.36	-3.69	54.0	-12.64	AV	43.00	150	Horizontal	Pass
4	5299.000	109.12	-3.33	--	--	Peak	247.00	150	Horizontal	N/A
4**	5299.000	101.84	-3.33	--	--	AV	247.00	150	Horizontal	N/A
5	7554.588	50.01	-1.57	68.2	-18.19	Peak	348.00	150	Horizontal	Pass
5**	7554.588	39.71	-1.57	54.0	-14.29	AV	348.00	150	Horizontal	Pass
6	12215.250	50.83	2.59	68.2	-17.37	Peak	312.00	150	Horizontal	Pass
6**	12215.250	41.58	2.59	54.0	-12.42	AV	312.00	150	Horizontal	Pass

11a, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1557.900	38.38	-17.71	68.2	-29.82	Peak	108.00	150	Vertical	Pass
1**	1557.900	28.92	-17.71	54.0	-25.08	AV	108.00	150	Vertical	Pass
2	2756.300	44.10	-10.89	68.2	-24.10	Peak	168.00	150	Vertical	Pass
2**	2756.300	34.94	-10.89	54.0	-19.06	AV	168.00	150	Vertical	Pass
3	4917.600	50.63	-3.70	68.2	-17.57	Peak	332.00	150	Vertical	Pass
3**	4917.600	41.47	-3.70	54.0	-12.53	AV	332.00	150	Vertical	Pass
4	5301.200	105.21	-3.30	--	--	Peak	356.00	150	Vertical	N/A
4**	5301.200	98.66	-3.30	--	--	AV	356.00	150	Vertical	N/A
5	7388.412	48.71	-1.74	68.2	-19.49	Peak	172.00	150	Vertical	Pass
5**	7388.412	39.38	-1.74	54.0	-14.62	AV	172.00	150	Vertical	Pass
6	11677.050	50.85	2.45	68.2	-17.35	Peak	355.00	150	Vertical	Pass
6**	11677.050	42.54	2.45	54.0	-11.46	AV	355.00	150	Vertical	Pass

11a, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1571.100	39.02	-17.59	68.2	-29.18	Peak	305.00	150	Horizontal	Pass
1**	1571.100	29.57	-17.59	54.0	-24.43	AV	305.00	150	Horizontal	Pass
2	2743.500	43.87	-10.65	68.2	-24.33	Peak	20.00	150	Horizontal	Pass
2**	2743.500	34.90	-10.65	54.0	-19.10	AV	20.00	150	Horizontal	Pass
3	4895.600	50.71	-3.66	68.2	-17.49	Peak	238.00	150	Horizontal	Pass
3**	4895.600	42.54	-3.66	54.0	-11.46	AV	238.00	150	Horizontal	Pass
4	5318.400	108.35	-3.27	--	--	Peak	226.00	150	Horizontal	N/A
4**	5318.400	100.96	-3.27	--	--	AV	226.00	150	Horizontal	N/A
5	7523.537	48.15	-1.61	68.2	-20.05	Peak	113.00	150	Horizontal	Pass
5**	7523.537	38.39	-1.61	54.0	-15.61	AV	113.00	150	Horizontal	Pass
6	11699.188	51.58	2.31	68.2	-16.62	Peak	205.00	150	Horizontal	Pass
6**	11699.188	42.09	2.31	54.0	-11.91	AV	205.00	150	Horizontal	Pass

11a, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1317.800	38.92	-17.59	68.2	-29.28	Peak	299.00	150	Vertical	Pass
1**	1317.800	29.40	-17.59	54.0	-24.60	AV	299.00	150	Vertical	Pass
2	2810.600	43.80	-10.83	68.2	-24.40	Peak	36.00	150	Vertical	Pass
2**	2810.600	34.75	-10.83	54.0	-19.25	AV	36.00	150	Vertical	Pass
3	4869.800	50.38	-3.60	68.2	-17.82	Peak	229.00	150	Vertical	Pass
3**	4869.800	41.22	-3.60	54.0	-12.78	AV	229.00	150	Vertical	Pass
4	5318.400	104.82	-3.27	--	--	Peak	0.00	150	Vertical	N/A
4**	5318.400	97.44	-3.27	--	--	AV	0.00	150	Vertical	N/A
5	7550.275	48.38	-1.61	68.2	-19.82	Peak	183.00	150	Vertical	Pass
5**	7550.275	40.16	-1.61	54.0	-13.84	AV	183.00	150	Vertical	Pass
6	11649.450	51.13	2.55	68.2	-17.07	Peak	71.00	150	Vertical	Pass
6**	11649.450	42.12	2.55	54.0	-11.88	AV	71.00	150	Vertical	Pass

11n20, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.200	39.68	-17.68	68.2	-28.52	Peak	358.00	150	Horizontal	Pass
1**	1329.200	29.10	-17.68	54.0	-24.90	AV	358.00	150	Horizontal	Pass
2	2761.700	44.63	-11.11	68.2	-23.57	Peak	341.00	150	Horizontal	Pass
2**	2761.700	34.01	-11.11	54.0	-19.99	AV	341.00	150	Horizontal	Pass
3	4930.400	50.58	-3.83	68.2	-17.62	Peak	355.00	150	Horizontal	Pass
3**	4930.400	40.56	-3.83	54.0	-13.44	AV	355.00	150	Horizontal	Pass
4	5257.400	107.71	-3.83	--	--	Peak	235.00	150	Horizontal	N/A
4**	5257.400	99.78	-3.83	--	--	AV	235.00	150	Horizontal	N/A
5	7389.275	49.12	-1.74	68.2	-19.08	Peak	40.00	150	Horizontal	Pass
5**	7389.275	39.20	-1.74	54.0	-14.80	AV	40.00	150	Horizontal	Pass
6	11680.787	50.89	2.43	68.2	-17.31	Peak	0.00	150	Horizontal	Pass
6**	11680.787	41.68	2.43	54.0	-12.32	AV	0.00	150	Horizontal	Pass

11n20, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1359.900	38.16	-17.59	68.2	-30.04	Peak	278.00	150	Vertical	Pass
1**	1359.900	28.70	-17.59	54.0	-25.30	AV	278.00	150	Vertical	Pass
2	2848.300	44.77	-10.78	68.2	-23.43	Peak	136.00	150	Vertical	Pass
2**	2848.300	34.20	-10.78	54.0	-19.80	AV	136.00	150	Vertical	Pass
3	4952.600	51.00	-3.85	68.2	-17.20	Peak	160.00	150	Vertical	Pass
3**	4952.600	40.83	-3.85	54.0	-13.17	AV	160.00	150	Vertical	Pass
4	5261.000	103.39	-3.81	--	--	Peak	331.00	150	Vertical	N/A
4**	5261.000	96.05	-3.81	--	--	AV	331.00	150	Vertical	N/A
5	7585.350	48.93	-2.29	68.2	-19.27	Peak	237.00	150	Vertical	Pass
5**	7585.350	39.53	-2.29	54.0	-14.47	AV	237.00	150	Vertical	Pass
6	11762.725	51.21	1.42	68.2	-16.99	Peak	360.00	150	Vertical	Pass
6**	11762.725	41.43	1.42	54.0	-12.57	AV	360.00	150	Vertical	Pass

11n20, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1527.800	38.63	-17.73	68.2	-29.57	Peak	261.00	150	Horizontal	Pass
1**	1527.800	29.17	-17.73	54.0	-24.83	AV	261.00	150	Horizontal	Pass
2	2755.600	43.52	-10.88	68.2	-24.68	Peak	111.00	150	Horizontal	Pass
2**	2755.600	34.41	-10.88	54.0	-19.59	AV	111.00	150	Horizontal	Pass
3	4788.200	50.79	-3.68	68.2	-17.41	Peak	341.00	150	Horizontal	Pass
3**	4788.200	40.60	-3.68	54.0	-13.40	AV	341.00	150	Horizontal	Pass
4	5301.200	108.13	-3.30	--	--	Peak	237.00	150	Horizontal	N/A
4**	5301.200	100.54	-3.30	--	--	AV	237.00	150	Horizontal	N/A
5	7386.400	49.66	-1.73	68.2	-18.54	Peak	42.00	150	Horizontal	Pass
5**	7386.400	39.72	-1.73	54.0	-14.28	AV	42.00	150	Horizontal	Pass
6	12217.550	52.23	2.59	68.2	-15.97	Peak	10.00	150	Horizontal	Pass
6**	12217.550	42.01	2.59	54.0	-11.99	AV	10.00	150	Horizontal	Pass

11n20, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.500	38.28	-17.75	68.2	-29.92	Peak	267.00	150	Vertical	Pass
1**	1333.500	28.53	-17.75	54.0	-25.47	AV	267.00	150	Vertical	Pass
2	2814.700	43.74	-10.76	68.2	-24.46	Peak	138.00	150	Vertical	Pass
2**	2814.700	35.20	-10.76	54.0	-18.80	AV	138.00	150	Vertical	Pass
3	4785.400	50.88	-3.67	68.2	-17.32	Peak	138.00	150	Vertical	Pass
3**	4785.400	41.63	-3.67	54.0	-12.37	AV	138.00	150	Vertical	Pass
4	5299.200	104.39	-3.32	--	--	Peak	352.00	150	Vertical	N/A
4**	5299.200	96.81	-3.32	--	--	AV	352.00	150	Vertical	N/A
5	7472.362	48.68	-2.01	68.2	-19.52	Peak	166.00	150	Vertical	Pass
5**	7472.362	38.99	-2.01	54.0	-15.01	AV	166.00	150	Vertical	Pass
6	12164.362	51.30	2.07	68.2	-16.90	Peak	305.00	150	Vertical	Pass
6**	12164.362	40.24	2.07	54.0	-13.76	AV	305.00	150	Vertical	Pass

11n20, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1558.900	38.31	-17.66	68.2	-29.89	Peak	126.00	150	Horizontal	Pass
1**	1558.900	28.23	-17.66	54.0	-25.77	AV	126.00	150	Horizontal	Pass
2	2758.300	43.69	-10.96	68.2	-24.51	Peak	328.00	150	Horizontal	Pass
2**	2758.300	34.32	-10.96	54.0	-19.68	AV	328.00	150	Horizontal	Pass
3	4867.200	51.13	-3.55	68.2	-17.07	Peak	0.00	150	Horizontal	Pass
3**	4867.200	41.34	-3.55	54.0	-12.66	AV	0.00	150	Horizontal	Pass
4	5321.200	107.42	-3.24	--	--	Peak	91.00	150	Horizontal	N/A
4**	5321.200	100.94	-3.24	--	--	AV	91.00	150	Horizontal	N/A
5	7600.013	48.64	-2.31	68.2	-19.56	Peak	286.00	150	Horizontal	Pass
5**	7600.013	39.35	-2.31	54.0	-14.65	AV	286.00	150	Horizontal	Pass
6	11684.237	50.57	2.42	68.2	-17.63	Peak	45.00	150	Horizontal	Pass
6**	11684.237	42.13	2.42	54.0	-11.87	AV	45.00	150	Horizontal	Pass

11n20, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1354.600	38.17	-17.57	68.2	-30.03	Peak	148.00	150	Vertical	Pass
1**	1354.600	29.06	-17.57	54.0	-24.94	AV	148.00	150	Vertical	Pass
2	2747.900	44.63	-10.78	68.2	-23.57	Peak	265.00	150	Vertical	Pass
2**	2747.900	35.52	-10.78	54.0	-18.48	AV	265.00	150	Vertical	Pass
3	4897.200	50.48	-3.61	68.2	-17.72	Peak	327.00	150	Vertical	Pass
3**	4897.200	41.20	-3.61	54.0	-12.80	AV	327.00	150	Vertical	Pass
4	5317.800	103.79	-3.24	--	--	Peak	354.00	150	Vertical	N/A
4**	5317.800	96.39	-3.24	--	--	AV	354.00	150	Vertical	N/A
5	7543.375	48.70	-1.63	68.2	-19.50	Peak	27.00	150	Vertical	Pass
5**	7543.375	39.19	-1.63	54.0	-14.81	AV	27.00	150	Vertical	Pass
6	11704.937	50.80	2.23	68.2	-17.40	Peak	218.00	150	Vertical	Pass
6**	11704.937	41.19	2.23	54.0	-12.81	AV	218.00	150	Vertical	Pass

11n40, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1476.900	38.80	-17.78	68.2	-29.40	Peak	136.00	150	Horizontal	Pass
1**	1476.900	28.90	-17.78	54.0	-25.10	AV	136.00	150	Horizontal	Pass
2	2727.200	44.53	-10.72	68.2	-23.67	Peak	189.00	150	Horizontal	Pass
2**	2727.200	34.83	-10.72	54.0	-19.17	AV	189.00	150	Horizontal	Pass
3	4820.200	50.50	-3.60	68.2	-17.70	Peak	121.00	150	Horizontal	Pass
3**	4820.200	41.19	-3.60	54.0	-12.81	AV	121.00	150	Horizontal	Pass
4	5263.000	103.93	-3.79	--	--	Peak	231.00	150	Horizontal	N/A
4**	5263.000	95.79	-3.79	--	--	AV	231.00	150	Horizontal	N/A
5	7549.412	48.95	-1.60	68.2	-19.25	Peak	286.00	150	Horizontal	Pass
5**	7549.412	40.98	-1.60	54.0	-13.02	AV	286.00	150	Horizontal	Pass
6	12238.537	51.12	2.64	68.2	-17.08	Peak	352.00	150	Horizontal	Pass
6**	12238.537	41.82	2.64	54.0	-12.18	AV	352.00	150	Horizontal	Pass

11n40, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1343.600	38.74	-17.65	68.2	-29.46	Peak	0.00	150	Vertical	Pass
1**	1343.600	28.77	-17.65	54.0	-25.23	AV	0.00	150	Vertical	Pass
2	2743.400	43.74	-10.65	68.2	-24.46	Peak	281.00	150	Vertical	Pass
2**	2743.400	35.14	-10.65	54.0	-18.86	AV	281.00	150	Vertical	Pass
3	4703.600	50.86	-4.53	68.2	-17.34	Peak	360.00	150	Vertical	Pass
3**	4703.600	39.88	-4.53	54.0	-14.12	AV	360.00	150	Vertical	Pass
4	5265.400	99.03	-3.75	--	--	Peak	339.00	150	Vertical	N/A
4**	5265.400	91.88	-3.75	--	--	AV	339.00	150	Vertical	N/A
5	7554.300	49.03	-1.56	68.2	-19.17	Peak	146.00	150	Vertical	Pass
5**	7554.300	39.88	-1.56	54.0	-14.12	AV	146.00	150	Vertical	Pass
6	11702.638	51.31	2.26	68.2	-16.89	Peak	1.00	150	Vertical	Pass
6**	11702.638	41.37	2.26	54.0	-12.63	AV	1.00	150	Vertical	Pass

11n40, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1523.100	38.29	-17.67	68.2	-29.91	Peak	188.00	150	Horizontal	Pass
1**	1523.100	28.88	-17.67	54.0	-25.12	AV	188.00	150	Horizontal	Pass
2	2721.100	44.34	-11.05	68.2	-23.86	Peak	136.00	150	Horizontal	Pass
2**	2721.100	33.95	-11.05	54.0	-20.05	AV	136.00	150	Horizontal	Pass
3	4880.800	50.78	-3.65	68.2	-17.42	Peak	132.00	150	Horizontal	Pass
3**	4880.800	41.10	-3.65	54.0	-12.90	AV	132.00	150	Horizontal	Pass
4	5308.200	103.86	-3.27	--	--	Peak	229.00	150	Horizontal	N/A
4**	5308.200	96.68	-3.27	--	--	AV	229.00	150	Horizontal	N/A
5	7539.638	48.48	-1.68	68.2	-19.72	Peak	346.00	150	Horizontal	Pass
5**	7539.638	39.42	-1.68	54.0	-14.58	AV	346.00	150	Horizontal	Pass
6	11671.875	51.11	2.47	68.2	-17.09	Peak	0.00	150	Horizontal	Pass
6**	11671.875	42.16	2.47	54.0	-11.84	AV	0.00	150	Horizontal	Pass

11n40, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1369.200	38.61	-17.59	68.2	-29.59	Peak	246.00	150	Vertical	Pass
1**	1369.200	29.00	-17.59	54.0	-25.00	AV	246.00	150	Vertical	Pass
2	2765.000	43.63	-11.19	68.2	-24.57	Peak	176.00	150	Vertical	Pass
2**	2765.000	34.52	-11.19	54.0	-19.48	AV	176.00	150	Vertical	Pass
3	4867.000	50.32	-3.55	68.2	-17.88	Peak	331.00	150	Vertical	Pass
3**	4867.000	41.19	-3.55	54.0	-12.81	AV	331.00	150	Vertical	Pass
4	5311.800	100.17	-3.26	--	--	Peak	352.00	150	Vertical	N/A
4**	5311.800	92.90	-3.26	--	--	AV	352.00	150	Vertical	N/A
5	7485.300	48.70	-1.89	68.2	-19.50	Peak	216.00	150	Vertical	Pass
5**	7485.300	38.99	-1.89	54.0	-15.01	AV	216.00	150	Vertical	Pass
6	11640.537	50.96	2.45	68.2	-17.24	Peak	161.00	150	Vertical	Pass
6**	11640.537	41.75	2.45	54.0	-12.25	AV	161.00	150	Vertical	Pass

11ac20, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1537.600	39.11	-17.70	68.2	-29.09	Peak	0.00	150	Horizontal	Pass
1**	1537.600	29.50	-17.70	54.0	-24.50	AV	0.00	150	Horizontal	Pass
2	2725.100	44.20	-10.76	68.2	-24.00	Peak	32.00	150	Horizontal	Pass
2**	2725.100	34.43	-10.76	54.0	-19.57	AV	32.00	150	Horizontal	Pass
3	4917.400	50.72	-3.70	68.2	-17.48	Peak	191.00	150	Horizontal	Pass
3**	4917.400	41.32	-3.70	54.0	-12.68	AV	191.00	150	Horizontal	Pass
4	5261.400	107.91	-3.81	--	--	Peak	235.00	150	Horizontal	N/A
4**	5261.400	100.51	-3.81	--	--	AV	235.00	150	Horizontal	N/A
5	7469.487	48.41	-2.05	68.2	-19.79	Peak	72.00	150	Horizontal	Pass
5**	7469.487	38.78	-2.05	54.0	-15.22	AV	72.00	150	Horizontal	Pass
6	11658.075	50.85	2.52	68.2	-17.35	Peak	342.00	150	Horizontal	Pass
6**	11658.075	42.24	2.52	54.0	-11.76	AV	342.00	150	Horizontal	Pass

11ac20, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1583.500	39.60	-17.64	68.2	-28.60	Peak	49.00	150	Vertical	Pass
1**	1583.500	28.91	-17.64	54.0	-25.09	AV	49.00	150	Vertical	Pass
2	2814.800	44.01	-10.75	68.2	-24.19	Peak	142.00	150	Vertical	Pass
2**	2814.800	34.61	-10.75	54.0	-19.39	AV	142.00	150	Vertical	Pass
3	4800.400	51.12	-3.53	68.2	-17.08	Peak	224.00	150	Vertical	Pass
3**	4800.400	41.22	-3.53	54.0	-12.78	AV	224.00	150	Vertical	Pass
4	5259.000	103.18	-3.81	--	--	Peak	325.00	150	Vertical	N/A
4**	5259.000	95.53	-3.81	--	--	AV	325.00	150	Vertical	N/A
5	7402.788	48.87	-1.66	68.2	-19.33	Peak	180.00	150	Vertical	Pass
5**	7402.788	39.41	-1.66	54.0	-14.59	AV	180.00	150	Vertical	Pass
6	11683.088	50.56	2.42	68.2	-17.64	Peak	295.00	150	Vertical	Pass
6**	11683.088	41.44	2.42	54.0	-12.56	AV	295.00	150	Vertical	Pass

11ac20, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1345.800	38.60	-17.67	68.2	-29.60	Peak	351.00	150	Horizontal	Pass
1**	1345.800	28.59	-17.67	54.0	-25.41	AV	351.00	150	Horizontal	Pass
2	2721.900	44.16	-10.99	68.2	-24.04	Peak	71.00	150	Horizontal	Pass
2**	2721.900	34.41	-10.99	54.0	-19.59	AV	71.00	150	Horizontal	Pass
3	4811.000	50.28	-3.53	68.2	-17.92	Peak	322.00	150	Horizontal	Pass
3**	4811.000	41.50	-3.53	54.0	-12.50	AV	322.00	150	Horizontal	Pass
4	5301.200	108.19	-3.30	--	--	Peak	232.00	150	Horizontal	N/A
4**	5301.200	100.98	-3.30	--	--	AV	232.00	150	Horizontal	N/A
5	7481.275	48.45	-1.86	68.2	-19.75	Peak	269.00	150	Horizontal	Pass
5**	7481.275	39.63	-1.86	54.0	-14.37	AV	269.00	150	Horizontal	Pass
6	12243.138	51.20	2.65	68.2	-17.00	Peak	190.00	150	Horizontal	Pass
6**	12243.138	40.80	2.65	54.0	-13.20	AV	190.00	150	Horizontal	Pass

11ac20, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1338.400	38.17	-17.73	68.2	-30.03	Peak	107.00	150	Vertical	Pass
1**	1338.400	28.76	-17.73	54.0	-25.24	AV	107.00	150	Vertical	Pass
2	2789.300	44.44	-11.08	68.2	-23.76	Peak	348.00	150	Vertical	Pass
2**	2789.300	34.44	-11.08	54.0	-19.56	AV	348.00	150	Vertical	Pass
3	4841.600	50.18	-3.52	68.2	-18.02	Peak	351.00	150	Vertical	Pass
3**	4841.600	40.90	-3.52	54.0	-13.10	AV	351.00	150	Vertical	Pass
4	5301.400	103.86	-3.31	--	--	Peak	0.00	150	Vertical	N/A
4**	5301.400	96.43	-3.31	--	--	AV	0.00	150	Vertical	N/A
5	7485.012	48.89	-1.90	68.2	-19.31	Peak	274.00	150	Vertical	Pass
5**	7485.012	39.01	-1.90	54.0	-14.99	AV	274.00	150	Vertical	Pass
6	11662.675	51.44	2.51	68.2	-16.76	Peak	1.00	150	Vertical	Pass
6**	11662.675	42.89	2.51	54.0	-11.11	AV	1.00	150	Vertical	Pass

11ac20, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1570.400	38.57	-17.60	68.2	-29.63	Peak	1.00	150	Horizontal	Pass
1**	1570.400	28.83	-17.60	54.0	-25.17	AV	1.00	150	Horizontal	Pass
2	2815.200	44.06	-10.73	68.2	-24.14	Peak	220.00	150	Horizontal	Pass
2**	2815.200	34.13	-10.73	54.0	-19.87	AV	220.00	150	Horizontal	Pass
3	4806.800	50.96	-3.52	68.2	-17.24	Peak	350.00	150	Horizontal	Pass
3**	4806.800	40.13	-3.52	54.0	-13.87	AV	350.00	150	Horizontal	Pass
4	5322.000	107.43	-3.24	--	--	Peak	235.00	150	Horizontal	N/A
4**	5322.000	99.88	-3.24	--	--	AV	235.00	150	Horizontal	N/A
5	7559.187	48.13	-1.71	68.2	-20.07	Peak	78.00	150	Horizontal	Pass
5**	7559.187	39.55	-1.71	54.0	-14.45	AV	78.00	150	Horizontal	Pass
6	11696.888	51.68	2.33	68.2	-16.52	Peak	14.00	150	Horizontal	Pass
6**	11696.888	41.51	2.33	54.0	-12.49	AV	14.00	150	Horizontal	Pass

11ac20, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1518.100	39.26	-17.74	68.2	-28.94	Peak	295.00	150	Vertical	Pass
1**	1518.100	28.74	-17.74	54.0	-25.26	AV	295.00	150	Vertical	Pass
2	2760.400	43.88	-11.10	68.2	-24.32	Peak	74.00	150	Vertical	Pass
2**	2760.400	34.52	-11.10	54.0	-19.48	AV	74.00	150	Vertical	Pass
3	4798.800	50.17	-3.54	68.2	-18.03	Peak	319.00	150	Vertical	Pass
3**	4798.800	41.52	-3.54	54.0	-12.48	AV	319.00	150	Vertical	Pass
4	5321.400	103.90	-3.24	--	--	Peak	336.00	150	Vertical	N/A
4**	5321.400	97.22	-3.24	--	--	AV	336.00	150	Vertical	N/A
5	7413.138	48.57	-1.88	68.2	-19.63	Peak	219.00	150	Vertical	Pass
5**	7413.138	39.08	-1.88	54.0	-14.92	AV	219.00	150	Vertical	Pass
6	11776.525	51.12	1.28	68.2	-17.08	Peak	0.00	150	Vertical	Pass
6**	11776.525	40.33	1.28	54.0	-13.67	AV	0.00	150	Vertical	Pass

11ac40, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1532.400	39.09	-17.76	68.2	-29.11	Peak	138.00	150	Horizontal	Pass
1**	1532.400	28.87	-17.76	54.0	-25.13	AV	138.00	150	Horizontal	Pass
2	2826.700	43.88	-10.51	68.2	-24.32	Peak	281.00	150	Horizontal	Pass
2**	2826.700	34.23	-10.51	54.0	-19.77	AV	281.00	150	Horizontal	Pass
3	4862.000	50.22	-3.55	68.2	-17.98	Peak	156.00	150	Horizontal	Pass
3**	4862.000	40.85	-3.55	54.0	-13.15	AV	156.00	150	Horizontal	Pass
4	5268.200	104.34	-3.77	--	--	Peak	237.00	150	Horizontal	N/A
4**	5268.200	96.61	-3.77	--	--	AV	237.00	150	Horizontal	N/A
5	7384.388	49.64	-1.77	68.2	-18.56	Peak	309.00	150	Horizontal	Pass
5**	7384.388	39.32	-1.77	54.0	-14.68	AV	309.00	150	Horizontal	Pass
6	11632.487	51.12	2.36	68.2	-17.08	Peak	287.00	150	Horizontal	Pass
6**	11632.487	41.28	2.36	54.0	-12.72	AV	287.00	150	Horizontal	Pass

11ac40, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1466.800	38.92	-17.76	68.2	-29.28	Peak	100.00	150	Vertical	Pass
1**	1466.800	29.07	-17.76	54.0	-24.93	AV	100.00	150	Vertical	Pass
2	2810.900	43.81	-10.83	68.2	-24.39	Peak	204.00	150	Vertical	Pass
2**	2810.900	34.59	-10.83	54.0	-19.41	AV	204.00	150	Vertical	Pass
3	4825.600	51.25	-3.62	68.2	-16.95	Peak	258.00	150	Vertical	Pass
3**	4825.600	42.31	-3.62	54.0	-11.69	AV	258.00	150	Vertical	Pass
4	5271.600	100.13	-3.66	--	--	Peak	323.00	150	Vertical	N/A
4**	5271.600	92.35	-3.66	--	--	AV	323.00	150	Vertical	N/A
5	7543.663	48.95	-1.63	68.2	-19.25	Peak	0.00	150	Vertical	Pass
5**	7543.663	39.94	-1.63	54.0	-14.06	AV	0.00	150	Vertical	Pass
6	11673.026	50.75	2.46	68.2	-17.45	Peak	312.00	150	Vertical	Pass
6**	11673.026	42.76	2.46	54.0	-11.24	AV	312.00	150	Vertical	Pass

11ac40, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1355.500	38.10	-17.55	68.2	-30.10	Peak	81.00	150	Horizontal	Pass
1**	1355.500	28.88	-17.55	54.0	-25.12	AV	81.00	150	Horizontal	Pass
2	2757.800	43.67	-10.94	68.2	-24.53	Peak	60.00	150	Horizontal	Pass
2**	2757.800	34.66	-10.94	54.0	-19.34	AV	60.00	150	Horizontal	Pass
3	4857.200	50.26	-3.50	68.2	-17.94	Peak	333.00	150	Horizontal	Pass
3**	4857.200	41.98	-3.50	54.0	-12.02	AV	333.00	150	Horizontal	Pass
4	5308.000	103.90	-3.27	--	--	Peak	232.00	150	Horizontal	N/A
4**	5308.000	96.20	-3.27	--	--	AV	232.00	150	Horizontal	N/A
5	7547.687	48.54	-1.58	68.2	-19.66	Peak	102.00	150	Horizontal	Pass
5**	7547.687	39.10	-1.58	54.0	-14.90	AV	102.00	150	Horizontal	Pass
6	11651.463	51.09	2.55	68.2	-17.11	Peak	167.00	150	Horizontal	Pass
6**	11651.463	41.64	2.55	54.0	-12.36	AV	167.00	150	Horizontal	Pass

11ac40, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1582.500	38.68	-17.60	68.2	-29.52	Peak	14.00	150	Vertical	Pass
1**	1582.500	28.94	-17.60	54.0	-25.06	AV	14.00	150	Vertical	Pass
2	2736.300	44.28	-10.77	68.2	-23.92	Peak	356.00	150	Vertical	Pass
2**	2736.300	34.90	-10.77	54.0	-19.10	AV	356.00	150	Vertical	Pass
3	4800.200	50.26	-3.53	68.2	-17.94	Peak	283.00	150	Vertical	Pass
3**	4800.200	41.63	-3.53	54.0	-12.37	AV	283.00	150	Vertical	Pass
4	5312.400	100.54	-3.26	--	--	Peak	0.00	150	Vertical	N/A
4**	5312.400	93.12	-3.26	--	--	AV	0.00	150	Vertical	N/A
5	7492.200	48.47	-1.85	68.2	-19.73	Peak	207.00	150	Vertical	Pass
5**	7492.200	39.08	-1.85	54.0	-14.92	AV	207.00	150	Vertical	Pass
6	11648.300	51.21	2.54	68.2	-16.99	Peak	57.00	150	Vertical	Pass
6**	11648.300	42.96	2.54	54.0	-11.04	AV	57.00	150	Vertical	Pass

11ac80, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1076.300	37.16	-18.71	68.2	-31.04	Peak	273.00	150	Horizontal	Pass
1**	1076.300	27.93	-18.71	54.0	-26.07	AV	273.00	150	Horizontal	Pass
2	1339.100	38.99	-17.74	68.2	-29.21	Peak	58.00	150	Horizontal	Pass
2**	1339.100	29.03	-17.74	54.0	-24.97	AV	58.00	150	Horizontal	Pass
3	4311.800	49.86	-5.00	68.2	-18.34	Peak	79.00	150	Horizontal	Pass
3**	4311.800	38.77	-5.00	54.0	-15.23	AV	79.00	150	Horizontal	Pass
4	5292.000	99.81	-3.37	--	--	Peak	232.00	150	Horizontal	N/A
4**	5292.000	92.69	-3.37	--	--	AV	232.00	150	Horizontal	N/A
5	7411.125	48.67	-1.84	68.2	-19.53	Peak	169.00	150	Horizontal	Pass
5**	7411.125	40.29	-1.84	54.0	-13.71	AV	169.00	150	Horizontal	Pass
6	11622.425	51.14	2.25	68.2	-17.06	Peak	215.00	150	Horizontal	Pass
6**	11622.425	41.79	2.25	54.0	-12.21	AV	215.00	150	Horizontal	Pass

11ac80, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1095.400	38.18	-18.58	68.2	-30.02	Peak	101.00	150	Vertical	Pass
1**	1095.400	28.73	-18.58	54.0	-25.27	AV	101.00	150	Vertical	Pass
2	1487.000	38.95	-17.73	68.2	-29.25	Peak	37.00	150	Vertical	Pass
2**	1487.000	28.22	-17.73	54.0	-25.78	AV	37.00	150	Vertical	Pass
3	4281.600	49.12	-4.75	68.2	-19.08	Peak	164.00	150	Vertical	Pass
3**	4281.600	40.50	-4.75	54.0	-13.50	AV	164.00	150	Vertical	Pass
4	5291.800	95.42	-3.37	--	--	Peak	360.00	150	Vertical	N/A
4**	5291.800	88.61	-3.37	--	--	AV	360.00	150	Vertical	N/A
5	7378.062	48.69	-1.73	68.2	-19.51	Peak	303.00	150	Vertical	Pass
5**	7378.062	39.67	-1.73	54.0	-14.33	AV	303.00	150	Vertical	Pass
6	12224.451	51.27	2.61	68.2	-16.93	Peak	350.00	150	Vertical	Pass
6**	12224.451	41.76	2.61	54.0	-12.24	AV	350.00	150	Vertical	Pass

11a, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1207.800	38.25	-18.20	68.2	-29.95	Peak	43.00	150	Horizontal	Pass
1**	1207.800	30.49	-18.20	54.0	-23.51	AV	43.00	150	Horizontal	Pass
2	1511.400	38.87	-17.80	68.2	-29.33	Peak	19.00	150	Horizontal	Pass
2**	1511.400	28.71	-17.80	54.0	-25.29	AV	19.00	150	Horizontal	Pass
3	3753.400	47.11	-6.81	68.2	-21.09	Peak	113.00	150	Horizontal	Pass
3**	3753.400	37.42	-6.81	54.0	-16.58	AV	113.00	150	Horizontal	Pass
4	5498.600	108.47	-2.82	--	--	Peak	80.00	150	Horizontal	N/A
4**	5498.600	100.67	-2.82	--	--	AV	80.00	150	Horizontal	N/A
5	7483.288	48.40	-1.87	68.2	-19.80	Peak	81.00	150	Horizontal	Pass
5**	7483.288	39.99	-1.87	54.0	-14.01	AV	81.00	150	Horizontal	Pass
6	12206.625	51.47	2.57	68.2	-16.73	Peak	201.00	150	Horizontal	Pass
6**	12206.625	41.32	2.57	54.0	-12.68	AV	201.00	150	Horizontal	Pass

11a, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1153.200	37.84	-18.38	68.2	-30.36	Peak	45.00	150	Vertical	Pass
1**	1153.200	27.43	-18.38	54.0	-26.57	AV	45.00	150	Vertical	Pass
2	1563.600	38.57	-17.64	68.2	-29.63	Peak	196.00	150	Vertical	Pass
2**	1563.600	28.81	-17.64	54.0	-25.19	AV	196.00	150	Vertical	Pass
3	4923.000	51.52	-3.80	68.2	-16.68	Peak	193.00	150	Vertical	Pass
3**	4923.000	41.94	-3.80	54.0	-12.06	AV	193.00	150	Vertical	Pass
4	5498.600	104.78	-2.82	--	--	Peak	149.00	150	Vertical	N/A
4**	5498.600	96.26	-2.82	--	--	AV	149.00	150	Vertical	N/A
5	7550.562	49.18	-1.60	68.2	-19.02	Peak	285.00	150	Vertical	Pass
5**	7550.562	39.44	-1.60	54.0	-14.56	AV	285.00	150	Vertical	Pass
6	11663.825	50.95	2.50	68.2	-17.25	Peak	360.00	150	Vertical	Pass
6**	11663.825	42.19	2.50	54.0	-11.81	AV	360.00	150	Vertical	Pass

11a, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1148.900	36.89	-18.37	68.2	-31.31	Peak	301.00	150	Horizontal	Pass
1**	1148.900	27.90	-18.37	54.0	-26.10	AV	301.00	150	Horizontal	Pass
2	1337.200	38.69	-17.69	68.2	-29.51	Peak	84.00	150	Horizontal	Pass
2**	1337.200	28.16	-17.69	54.0	-25.84	AV	84.00	150	Horizontal	Pass
3	4111.400	48.55	-5.41	68.2	-19.65	Peak	313.00	150	Horizontal	Pass
3**	4111.400	38.36	-5.41	54.0	-15.64	AV	313.00	150	Horizontal	Pass
4	5578.400	108.80	-3.15	--	--	Peak	82.00	150	Horizontal	N/A
4**	5578.400	101.56	-3.15	--	--	AV	82.00	150	Horizontal	N/A
5	7552.862	48.88	-1.56	68.2	-19.32	Peak	358.00	150	Horizontal	Pass
5**	7552.862	40.04	-1.56	54.0	-13.96	AV	358.00	150	Horizontal	Pass
6	11682.513	50.95	2.43	68.2	-17.25	Peak	261.00	150	Horizontal	Pass
6**	11682.513	42.12	2.43	54.0	-11.88	AV	261.00	150	Horizontal	Pass

11a, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1127.000	37.31	-18.44	68.2	-30.89	Peak	103.00	150	Vertical	Pass
1**	1127.000	27.29	-18.44	54.0	-26.71	AV	103.00	150	Vertical	Pass
2	1554.300	38.97	-17.74	68.2	-29.23	Peak	60.00	150	Vertical	Pass
2**	1554.300	29.62	-17.74	54.0	-24.38	AV	60.00	150	Vertical	Pass
3	5072.200	51.52	-2.94	68.2	-16.68	Peak	5.00	150	Vertical	Pass
3**	5072.200	42.27	-2.94	54.0	-11.73	AV	5.00	150	Vertical	Pass
4	5583.400	103.62	-3.26	--	--	Peak	138.00	150	Vertical	N/A
4**	5583.400	95.32	-3.26	--	--	AV	138.00	150	Vertical	N/A
5	7548.837	48.98	-1.59	68.2	-19.22	Peak	145.00	150	Vertical	Pass
5**	7548.837	39.53	-1.59	54.0	-14.47	AV	145.00	150	Vertical	Pass
6	11663.537	50.65	2.50	68.2	-17.55	Peak	79.00	150	Vertical	Pass
6**	11663.537	41.27	2.50	54.0	-12.73	AV	79.00	150	Vertical	Pass

11a, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1225.200	38.25	-18.02	68.2	-29.95	Peak	356.00	150	Horizontal	Pass
1**	1225.200	28.33	-18.02	54.0	-25.67	AV	356.00	150	Horizontal	Pass
2	1512.600	38.84	-17.81	68.2	-29.36	Peak	280.00	150	Horizontal	Pass
2**	1512.600	29.00	-17.81	54.0	-25.00	AV	280.00	150	Horizontal	Pass
3	4856.400	50.46	-3.45	68.2	-17.74	Peak	179.00	150	Horizontal	Pass
3**	4856.400	41.37	-3.45	54.0	-12.63	AV	179.00	150	Horizontal	Pass
4	5698.400	109.42	-3.93	--	--	Peak	80.00	150	Horizontal	N/A
4**	5698.400	101.64	-3.93	--	--	AV	80.00	150	Horizontal	N/A
5	7400.200	49.63	-1.61	68.2	-18.57	Peak	360.00	150	Horizontal	Pass
5**	7400.200	39.83	-1.61	54.0	-14.17	AV	360.00	150	Horizontal	Pass
6	11661.237	51.52	2.51	68.2	-16.68	Peak	135.00	150	Horizontal	Pass
6**	11661.237	41.57	2.51	54.0	-12.43	AV	135.00	150	Horizontal	Pass

11a, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1171.900	37.28	-18.47	68.2	-30.92	Peak	103.00	150	Vertical	Pass
1**	1171.900	28.28	-18.47	54.0	-25.72	AV	103.00	150	Vertical	Pass
2	1399.500	38.65	-17.59	68.2	-29.55	Peak	212.00	150	Vertical	Pass
2**	1399.500	29.09	-17.59	54.0	-24.91	AV	212.00	150	Vertical	Pass
3	4995.800	51.80	-3.68	68.2	-16.40	Peak	314.00	150	Vertical	Pass
3**	4995.800	40.65	-3.68	54.0	-13.35	AV	314.00	150	Vertical	Pass
4	5701.600	103.60	-3.89	--	--	Peak	136.00	150	Vertical	N/A
4**	5701.600	96.49	-3.89	--	--	AV	136.00	150	Vertical	N/A
5	8136.775	50.31	-1.83	68.2	-17.89	Peak	15.00	150	Vertical	Pass
5**	8136.775	39.07	-1.83	54.0	-14.93	AV	15.00	150	Vertical	Pass
6	11691.713	51.01	2.37	68.2	-17.19	Peak	240.00	150	Vertical	Pass
6**	11691.713	41.68	2.37	54.0	-12.32	AV	240.00	150	Vertical	Pass

11n20, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1216.200	38.52	-17.99	68.2	-29.68	Peak	10.00	150	Horizontal	Pass
1**	1216.200	27.63	-17.99	54.0	-26.37	AV	10.00	150	Horizontal	Pass
2	1511.400	38.10	-17.80	68.2	-30.10	Peak	2.00	150	Horizontal	Pass
2**	1511.400	28.91	-17.80	54.0	-25.09	AV	2.00	150	Horizontal	Pass
3	4233.200	49.46	-5.07	68.2	-18.74	Peak	270.00	150	Horizontal	Pass
3**	4233.200	38.75	-5.07	54.0	-15.25	AV	270.00	150	Horizontal	Pass
4	5498.600	108.17	-2.82	--	--	Peak	84.00	150	Horizontal	N/A
4**	5498.600	100.38	-2.82	--	--	AV	84.00	150	Horizontal	N/A
5	7430.388	48.17	-2.18	68.2	-20.03	Peak	307.00	150	Horizontal	Pass
5**	7430.388	39.80	-2.18	54.0	-14.20	AV	307.00	150	Horizontal	Pass
6	11622.425	51.67	2.25	68.2	-16.53	Peak	69.00	150	Horizontal	Pass
6**	11622.425	41.70	2.25	54.0	-12.30	AV	69.00	150	Horizontal	Pass

11n20, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1168.000	37.08	-18.45	68.2	-31.12	Peak	138.00	150	Vertical	Pass
1**	1168.000	27.20	-18.45	54.0	-26.80	AV	138.00	150	Vertical	Pass
2	1558.000	38.37	-17.71	68.2	-29.83	Peak	0.00	150	Vertical	Pass
2**	1558.000	28.84	-17.71	54.0	-25.16	AV	0.00	150	Vertical	Pass
3	4897.000	50.52	-3.62	68.2	-17.68	Peak	14.00	150	Vertical	Pass
3**	4897.000	40.97	-3.62	54.0	-13.03	AV	14.00	150	Vertical	Pass
4	5497.800	103.67	-2.81	--	--	Peak	147.00	150	Vertical	N/A
4**	5497.800	95.87	-2.81	--	--	AV	147.00	150	Vertical	N/A
5	7301.300	49.31	-2.70	68.2	-18.89	Peak	15.00	150	Vertical	Pass
5**	7301.300	38.74	-2.70	54.0	-15.26	AV	15.00	150	Vertical	Pass
6	12223.300	50.81	2.61	68.2	-17.39	Peak	111.00	150	Vertical	Pass
6**	12223.300	41.82	2.61	54.0	-12.18	AV	111.00	150	Vertical	Pass

11n20, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1093.200	36.75	-18.61	68.2	-31.45	Peak	87.00	150	Horizontal	Pass
1**	1093.200	27.14	-18.61	54.0	-26.86	AV	87.00	150	Horizontal	Pass
2	1514.000	38.52	-17.80	68.2	-29.68	Peak	53.00	150	Horizontal	Pass
2**	1514.000	29.03	-17.80	54.0	-24.97	AV	53.00	150	Horizontal	Pass
3	4846.600	50.25	-3.46	68.2	-17.95	Peak	72.00	150	Horizontal	Pass
3**	4846.600	40.34	-3.46	54.0	-13.66	AV	72.00	150	Horizontal	Pass
4	5582.800	106.89	-3.26	--	--	Peak	72.00	150	Horizontal	N/A
4**	5582.800	98.76	-3.26	--	--	AV	72.00	150	Horizontal	N/A
5	7465.462	48.65	-2.07	68.2	-19.55	Peak	232.00	150	Horizontal	Pass
5**	7465.462	39.34	-2.07	54.0	-14.66	AV	232.00	150	Horizontal	Pass
6	11685.675	51.46	2.41	68.2	-16.74	Peak	92.00	150	Horizontal	Pass
6**	11685.675	42.19	2.41	54.0	-11.81	AV	92.00	150	Horizontal	Pass

11n20, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1159.900	38.28	-18.37	68.2	-29.92	Peak	153.00	150	Vertical	Pass
1**	1159.900	28.67	-18.37	54.0	-25.33	AV	153.00	150	Vertical	Pass
2	1580.300	39.23	-17.52	68.2	-28.97	Peak	35.00	150	Vertical	Pass
2**	1580.300	29.59	-17.52	54.0	-24.41	AV	35.00	150	Vertical	Pass
3	4294.200	50.30	-4.81	68.2	-17.90	Peak	271.00	150	Vertical	Pass
3**	4294.200	39.85	-4.81	54.0	-14.15	AV	271.00	150	Vertical	Pass
4	5578.200	103.19	-3.14	--	--	Peak	128.00	150	Vertical	N/A
4**	5578.200	95.65	-3.14	--	--	AV	128.00	150	Vertical	N/A
5	7412.850	48.95	-1.88	68.2	-19.25	Peak	148.00	150	Vertical	Pass
5**	7412.850	39.64	-1.88	54.0	-14.36	AV	148.00	150	Vertical	Pass
6	11613.799	50.65	2.16	68.2	-17.55	Peak	138.00	150	Vertical	Pass
6**	11613.799	41.36	2.16	54.0	-12.64	AV	138.00	150	Vertical	Pass

11n20, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1183.800	37.42	-18.27	68.2	-30.78	Peak	188.00	150	Horizontal	Pass
1**	1183.800	28.40	-18.27	54.0	-25.60	AV	188.00	150	Horizontal	Pass
2	1586.500	38.56	-17.64	68.2	-29.64	Peak	136.00	150	Horizontal	Pass
2**	1586.500	28.88	-17.64	54.0	-25.12	AV	136.00	150	Horizontal	Pass
3	4824.800	50.31	-3.64	68.2	-17.89	Peak	162.00	150	Horizontal	Pass
3**	4824.800	40.45	-3.64	54.0	-13.55	AV	162.00	150	Horizontal	Pass
4	5702.600	107.97	-3.88	--	--	Peak	83.00	150	Horizontal	N/A
4**	5702.600	100.33	-3.88	--	--	AV	83.00	150	Horizontal	N/A
5	7553.150	48.82	-1.56	68.2	-19.38	Peak	295.00	150	Horizontal	Pass
5**	7553.150	40.08	-1.56	54.0	-13.92	AV	295.00	150	Horizontal	Pass
6	11672.450	51.51	2.47	68.2	-16.69	Peak	14.00	150	Horizontal	Pass
6**	11672.450	42.05	2.47	54.0	-11.95	AV	14.00	150	Horizontal	Pass

11n20, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1106.800	37.19	-18.38	68.2	-31.01	Peak	352.00	150	Vertical	Pass
1**	1106.800	27.78	-18.38	54.0	-26.22	AV	352.00	150	Vertical	Pass
2	1457.000	39.10	-17.65	68.2	-29.10	Peak	179.00	150	Vertical	Pass
2**	1457.000	29.08	-17.65	54.0	-24.92	AV	179.00	150	Vertical	Pass
3	4921.000	51.59	-3.76	68.2	-16.61	Peak	333.00	150	Vertical	Pass
3**	4921.000	41.82	-3.76	54.0	-12.18	AV	333.00	150	Vertical	Pass
4	5698.400	102.89	-3.93	--	--	Peak	134.00	150	Vertical	N/A
4**	5698.400	95.36	-3.93	--	--	AV	134.00	150	Vertical	N/A
5	7384.388	49.18	-1.77	68.2	-19.02	Peak	81.00	150	Vertical	Pass
5**	7384.388	40.02	-1.77	54.0	-13.98	AV	81.00	150	Vertical	Pass
6	11661.813	51.46	2.51	68.2	-16.74	Peak	309.00	150	Vertical	Pass
6**	11661.813	41.78	2.51	54.0	-12.22	AV	309.00	150	Vertical	Pass

11n40, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1177.200	38.03	-18.47	68.2	-30.17	Peak	286.00	150	Horizontal	Pass
1**	1177.200	27.99	-18.47	54.0	-26.01	AV	286.00	150	Horizontal	Pass
2	1535.700	38.21	-17.70	68.2	-29.99	Peak	11.00	150	Horizontal	Pass
2**	1535.700	29.59	-17.70	54.0	-24.41	AV	11.00	150	Horizontal	Pass
3	4020.800	48.11	-5.74	68.2	-20.09	Peak	335.00	150	Horizontal	Pass
3**	4020.800	37.92	-5.74	54.0	-16.08	AV	335.00	150	Horizontal	Pass
4	5511.200	103.44	-2.90	--	--	Peak	81.00	150	Horizontal	N/A
4**	5511.200	96.07	-2.90	--	--	AV	81.00	150	Horizontal	N/A
5	7534.750	49.27	-1.75	68.2	-18.93	Peak	93.00	150	Horizontal	Pass
5**	7534.750	39.82	-1.75	54.0	-14.18	AV	93.00	150	Horizontal	Pass
6	11679.638	51.45	2.44	68.2	-16.75	Peak	71.00	150	Horizontal	Pass
6**	11679.638	42.51	2.44	54.0	-11.49	AV	71.00	150	Horizontal	Pass

11n40, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1199.800	38.11	-18.17	68.2	-30.09	Peak	145.00	150	Vertical	Pass
1**	1199.800	28.30	-18.17	54.0	-25.70	AV	145.00	150	Vertical	Pass
2	1569.400	38.80	-17.59	68.2	-29.40	Peak	85.00	150	Vertical	Pass
2**	1569.400	31.00	-17.59	54.0	-23.00	AV	85.00	150	Vertical	Pass
3	4103.400	48.36	-5.31	68.2	-19.84	Peak	146.00	150	Vertical	Pass
3**	4103.400	38.49	-5.31	54.0	-15.51	AV	146.00	150	Vertical	Pass
4	5511.800	99.82	-2.90	--	--	Peak	146.00	150	Vertical	N/A
4**	5511.800	93.12	-2.90	--	--	AV	146.00	150	Vertical	N/A
5	7483.288	48.54	-1.87	68.2	-19.66	Peak	189.00	150	Vertical	Pass
5**	7483.288	39.72	-1.87	54.0	-14.28	AV	189.00	150	Vertical	Pass
6	11626.738	50.64	2.30	68.2	-17.56	Peak	178.00	150	Vertical	Pass
6**	11626.738	41.69	2.30	54.0	-12.31	AV	178.00	150	Vertical	Pass

11n40, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1185.300	37.70	-18.26	68.2	-30.50	Peak	124.00	150	Horizontal	Pass
1**	1185.300	29.02	-18.26	54.0	-24.98	AV	124.00	150	Horizontal	Pass
2	1513.000	38.37	-17.81	68.2	-29.83	Peak	11.00	150	Horizontal	Pass
2**	1513.000	28.45	-17.81	54.0	-25.55	AV	11.00	150	Horizontal	Pass
3	4194.600	49.65	-5.29	68.2	-18.55	Peak	37.00	150	Horizontal	Pass
3**	4194.600	39.17	-5.29	54.0	-14.83	AV	37.00	150	Horizontal	Pass
4	5588.200	103.46	-3.24	--	--	Peak	81.00	150	Horizontal	N/A
4**	5588.200	95.78	-3.24	--	--	AV	81.00	150	Horizontal	N/A
5	7487.025	49.36	-1.85	68.2	-18.84	Peak	322.00	150	Horizontal	Pass
5**	7487.025	39.84	-1.85	54.0	-14.16	AV	322.00	150	Horizontal	Pass
6	11639.963	51.21	2.44	68.2	-16.99	Peak	235.00	150	Horizontal	Pass
6**	11639.963	41.92	2.44	54.0	-12.08	AV	235.00	150	Horizontal	Pass

11n40, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1100.600	37.15	-18.46	68.2	-31.05	Peak	68.00	150	Vertical	Pass
1**	1100.600	27.97	-18.46	54.0	-26.03	AV	68.00	150	Vertical	Pass
2	1488.800	38.32	-17.73	68.2	-29.88	Peak	173.00	150	Vertical	Pass
2**	1488.800	29.13	-17.73	54.0	-24.87	AV	173.00	150	Vertical	Pass
3	4888.200	50.74	-3.58	68.2	-17.46	Peak	60.00	150	Vertical	Pass
3**	4888.200	41.63	-3.58	54.0	-12.37	AV	60.00	150	Vertical	Pass
4	5588.200	99.68	-3.24	--	--	Peak	139.00	150	Vertical	N/A
4**	5588.200	91.58	-3.24	--	--	AV	139.00	150	Vertical	N/A
5	7484.150	48.93	-1.92	68.2	-19.27	Peak	202.00	150	Vertical	Pass
5**	7484.150	39.71	-1.92	54.0	-14.29	AV	202.00	150	Vertical	Pass
6	11692.287	50.94	2.37	68.2	-17.26	Peak	354.00	150	Vertical	Pass
6**	11692.287	41.66	2.37	54.0	-12.34	AV	354.00	150	Vertical	Pass

11n40, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1066.400	37.81	-18.66	68.2	-30.39	Peak	352.00	150	Horizontal	Pass
1**	1066.400	27.69	-18.66	54.0	-26.31	AV	352.00	150	Horizontal	Pass
2	1355.400	39.61	-17.55	68.2	-28.59	Peak	297.00	150	Horizontal	Pass
2**	1355.400	28.95	-17.55	54.0	-25.05	AV	297.00	150	Horizontal	Pass
3	4639.800	49.93	-4.30	68.2	-18.27	Peak	159.00	150	Horizontal	Pass
3**	4639.800	40.02	-4.30	54.0	-13.98	AV	159.00	150	Horizontal	Pass
4	5672.000	103.88	-3.72	--	--	Peak	82.00	150	Horizontal	N/A
4**	5672.000	96.20	-3.72	--	--	AV	82.00	150	Horizontal	N/A
5	7402.788	48.58	-1.66	68.2	-19.62	Peak	41.00	150	Horizontal	Pass
5**	7402.788	41.81	-1.66	54.0	-12.19	AV	41.00	150	Horizontal	Pass
6	11669.862	51.49	2.48	68.2	-16.71	Peak	175.00	150	Horizontal	Pass
6**	11669.862	42.50	2.48	54.0	-11.50	AV	175.00	150	Horizontal	Pass

11n40, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1187.200	37.62	-18.31	68.2	-30.58	Peak	41.00	150	Vertical	Pass
1**	1187.200	28.33	-18.31	54.0	-25.67	AV	41.00	150	Vertical	Pass
2	1400.800	38.51	-17.52	68.2	-29.69	Peak	0.00	150	Vertical	Pass
2**	1400.800	28.80	-17.52	54.0	-25.20	AV	0.00	150	Vertical	Pass
3	4668.200	50.92	-4.49	68.2	-17.28	Peak	28.00	150	Vertical	Pass
3**	4668.200	40.39	-4.49	54.0	-13.61	AV	28.00	150	Vertical	Pass
4	5668.000	99.39	-3.59	--	--	Peak	138.00	150	Vertical	N/A
4**	5668.000	91.53	-3.59	--	--	AV	138.00	150	Vertical	N/A
5	7478.400	49.07	-1.96	68.2	-19.13	Peak	181.00	150	Vertical	Pass
5**	7478.400	39.88	-1.96	54.0	-14.12	AV	181.00	150	Vertical	Pass
6	12209.787	51.37	2.58	68.2	-16.83	Peak	304.00	150	Vertical	Pass
6**	12209.787	41.92	2.58	54.0	-12.08	AV	304.00	150	Vertical	Pass

11ac20, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1185.500	37.53	-18.26	68.2	-30.67	Peak	95.00	150	Horizontal	Pass
1**	1185.500	29.30	-18.26	54.0	-24.70	AV	95.00	150	Horizontal	Pass
2	1387.600	38.43	-17.45	68.2	-29.77	Peak	0.00	150	Horizontal	Pass
2**	1387.600	29.06	-17.45	54.0	-24.94	AV	0.00	150	Horizontal	Pass
3	4643.000	50.19	-4.33	68.2	-18.01	Peak	201.00	150	Horizontal	Pass
3**	4643.000	39.76	-4.33	54.0	-14.24	AV	201.00	150	Horizontal	Pass
4	5499.000	107.01	-2.82	--	--	Peak	69.00	150	Horizontal	N/A
4**	5499.000	100.04	-2.82	--	--	AV	69.00	150	Horizontal	N/A
5	7378.638	49.16	-1.73	68.2	-19.04	Peak	81.00	150	Horizontal	Pass
5**	7378.638	39.25	-1.73	54.0	-14.75	AV	81.00	150	Horizontal	Pass
6	11631.337	51.09	2.35	68.2	-17.11	Peak	168.00	150	Horizontal	Pass
6**	11631.337	42.05	2.35	54.0	-11.95	AV	168.00	150	Horizontal	Pass

11ac20, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1118.900	37.14	-18.39	68.2	-31.06	Peak	0.00	150	Vertical	Pass
1**	1118.900	27.88	-18.39	54.0	-26.12	AV	0.00	150	Vertical	Pass
2	1544.300	38.18	-17.78	68.2	-30.02	Peak	360.00	150	Vertical	Pass
2**	1544.300	29.25	-17.78	54.0	-24.75	AV	360.00	150	Vertical	Pass
3	4802.400	51.53	-3.49	68.2	-16.67	Peak	119.00	150	Vertical	Pass
3**	4802.400	41.77	-3.49	54.0	-12.23	AV	119.00	150	Vertical	Pass
4	5501.000	103.86	-2.85	--	--	Peak	145.00	150	Vertical	N/A
4**	5501.000	96.21	-2.85	--	--	AV	145.00	150	Vertical	N/A
5	7350.462	49.06	-2.47	68.2	-19.14	Peak	192.00	150	Vertical	Pass
5**	7350.462	38.87	-2.47	54.0	-15.13	AV	192.00	150	Vertical	Pass
6	11660.951	50.99	2.51	68.2	-17.21	Peak	81.00	150	Vertical	Pass
6**	11660.951	42.25	2.51	54.0	-11.75	AV	81.00	150	Vertical	Pass

11ac20, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1144.000	37.00	-18.38	68.2	-31.20	Peak	0.00	150	Horizontal	Pass
1**	1144.000	28.38	-18.38	54.0	-25.62	AV	0.00	150	Horizontal	Pass
2	1525.700	38.54	-17.75	68.2	-29.66	Peak	320.00	150	Horizontal	Pass
2**	1525.700	30.25	-17.75	54.0	-23.75	AV	320.00	150	Horizontal	Pass
3	5047.400	52.30	-2.90	68.2	-15.90	Peak	242.00	150	Horizontal	Pass
3**	5047.400	43.93	-2.90	54.0	-10.07	AV	242.00	150	Horizontal	Pass
4	5578.600	107.26	-3.15	--	--	Peak	80.00	150	Horizontal	N/A
4**	5578.600	100.14	-3.15	--	--	AV	80.00	150	Horizontal	N/A
5	7421.475	48.87	-2.07	68.2	-19.33	Peak	152.00	150	Horizontal	Pass
5**	7421.475	39.87	-2.07	54.0	-14.13	AV	152.00	150	Horizontal	Pass
6	11677.625	50.71	2.45	68.2	-17.49	Peak	10.00	150	Horizontal	Pass
6**	11677.625	42.15	2.45	54.0	-11.85	AV	10.00	150	Horizontal	Pass

11ac20, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1072.900	37.80	-18.75	68.2	-30.40	Peak	162.00	150	Vertical	Pass
1**	1072.900	27.48	-18.75	54.0	-26.52	AV	162.00	150	Vertical	Pass
2	1388.200	38.81	-17.44	68.2	-29.39	Peak	301.00	150	Vertical	Pass
2**	1388.200	29.38	-17.44	54.0	-24.62	AV	301.00	150	Vertical	Pass
3	5051.800	51.05	-2.95	68.2	-17.15	Peak	338.00	150	Vertical	Pass
3**	5051.800	42.71	-2.95	54.0	-11.29	AV	338.00	150	Vertical	Pass
4	5581.800	103.67	-3.25	--	--	Peak	146.00	150	Vertical	Pass
4**	5581.800	95.49	-3.25	--	--	AV	146.00	150	Vertical	N/A
5	7604.900	49.40	-2.31	68.2	-18.80	Peak	134.00	150	Vertical	Pass
5**	7604.900	39.19	-2.31	54.0	-14.81	AV	134.00	150	Vertical	Pass
6	11699.474	51.05	2.31	68.2	-17.15	Peak	91.00	150	Vertical	Pass
6**	11699.474	42.06	2.31	54.0	-11.94	AV	91.00	150	Vertical	Pass

11ac20, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1119.700	37.37	-18.40	68.2	-30.83	Peak	358.00	150	Horizontal	Pass
1**	1119.700	27.56	-18.40	54.0	-26.44	AV	358.00	150	Horizontal	Pass
2	1560.600	38.84	-17.63	68.2	-29.36	Peak	0.00	150	Horizontal	Pass
2**	1560.600	29.61	-17.63	54.0	-24.39	AV	0.00	150	Horizontal	Pass
3	4792.000	50.07	-3.70	68.2	-18.13	Peak	182.00	150	Horizontal	Pass
3**	4792.000	40.27	-3.70	54.0	-13.73	AV	182.00	150	Horizontal	Pass
4	5699.200	107.50	-3.93	--	--	Peak	79.00	150	Horizontal	N/A
4**	5699.200	100.58	-3.93	--	--	AV	79.00	150	Horizontal	N/A
5	7545.962	48.84	-1.58	68.2	-19.36	Peak	253.00	150	Horizontal	Pass
5**	7545.962	39.84	-1.58	54.0	-14.16	AV	253.00	150	Horizontal	Pass
6	11645.712	51.56	2.51	68.2	-16.64	Peak	275.00	150	Horizontal	Pass
6**	11645.712	42.15	2.51	54.0	-11.85	AV	275.00	150	Horizontal	Pass

11ac20, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1105.600	37.31	-18.44	68.2	-30.89	Peak	204.00	150	Vertical	Pass
1**	1105.600	27.87	-18.44	54.0	-26.13	AV	204.00	150	Vertical	Pass
2	1603.300	38.78	-17.72	68.2	-29.42	Peak	0.00	150	Vertical	Pass
2**	1603.300	29.95	-17.72	54.0	-24.05	AV	0.00	150	Vertical	Pass
3	3785.400	47.70	-5.53	68.2	-20.50	Peak	205.00	150	Vertical	Pass
3**	3785.400	36.98	-5.53	54.0	-17.02	AV	205.00	150	Vertical	Pass
4	5698.800	102.60	-3.93	--	--	Peak	147.00	150	Vertical	N/A
4**	5698.800	94.77	-3.93	--	--	AV	147.00	150	Vertical	N/A
5	7488.750	48.56	-1.84	68.2	-19.64	Peak	106.00	150	Vertical	Pass
5**	7488.750	39.58	-1.84	54.0	-14.42	AV	106.00	150	Vertical	Pass
6	11699.763	50.99	2.30	68.2	-17.21	Peak	187.00	150	Vertical	Pass
6**	11699.763	42.70	2.30	54.0	-11.30	AV	187.00	150	Vertical	Pass

11ac40, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1167.100	37.23	-18.51	68.2	-30.97	Peak	7.00	150	Horizontal	Pass
1**	1167.100	28.13	-18.51	54.0	-25.87	AV	7.00	150	Horizontal	Pass
2	1546.000	38.71	-17.78	68.2	-29.49	Peak	262.00	150	Horizontal	Pass
2**	1546.000	28.31	-17.78	54.0	-25.69	AV	262.00	150	Horizontal	Pass
3	4854.200	51.06	-3.48	68.2	-17.14	Peak	108.00	150	Horizontal	Pass
3**	4854.200	41.43	-3.48	54.0	-12.57	AV	108.00	150	Horizontal	Pass
4	5508.600	103.66	-2.95	--	--	Peak	71.00	150	Horizontal	N/A
4**	5508.600	96.50	-2.95	--	--	AV	71.00	150	Horizontal	N/A
5	7484.725	48.45	-1.91	68.2	-19.75	Peak	299.00	150	Horizontal	Pass
5**	7484.725	39.72	-1.91	54.0	-14.28	AV	299.00	150	Horizontal	Pass
6	11660.662	51.57	2.51	68.2	-16.63	Peak	255.00	150	Horizontal	Pass
6**	11660.662	42.26	2.51	54.0	-11.74	AV	255.00	150	Horizontal	Pass

11ac40, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1080.300	36.91	-18.71	68.2	-31.29	Peak	202.00	150	Vertical	Pass
1**	1080.300	27.89	-18.71	54.0	-26.11	AV	202.00	150	Vertical	Pass
2	1503.600	38.85	-17.79	68.2	-29.35	Peak	116.00	150	Vertical	Pass
2**	1503.600	29.32	-17.79	54.0	-24.68	AV	116.00	150	Vertical	Pass
3	4181.000	49.66	-5.02	68.2	-18.54	Peak	320.00	150	Vertical	Pass
3**	4181.000	39.27	-5.02	54.0	-14.73	AV	320.00	150	Vertical	Pass
4	5513.400	100.33	-2.96	--	--	Peak	152.00	150	Vertical	N/A
4**	5513.400	93.31	-2.96	--	--	AV	152.00	150	Vertical	N/A
5	7569.825	48.74	-2.04	68.2	-19.46	Peak	133.00	150	Vertical	Pass
5**	7569.825	38.90	-2.04	54.0	-15.10	AV	133.00	150	Vertical	Pass
6	11667.562	51.12	2.49	68.2	-17.08	Peak	337.00	150	Vertical	Pass
6**	11667.562	41.72	2.49	54.0	-12.28	AV	337.00	150	Vertical	Pass

11ac40, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1193.300	38.92	-18.18	68.2	-29.28	Peak	291.00	150	Horizontal	Pass
1**	1193.300	28.09	-18.18	54.0	-25.91	AV	291.00	150	Horizontal	Pass
2	1581.900	38.26	-17.57	68.2	-29.94	Peak	34.00	150	Horizontal	Pass
2**	1581.900	29.79	-17.57	54.0	-24.21	AV	34.00	150	Horizontal	Pass
3	3798.200	47.75	-5.77	68.2	-20.45	Peak	291.00	150	Horizontal	Pass
3**	3798.200	37.17	-5.77	54.0	-16.83	AV	291.00	150	Horizontal	Pass
4	5586.200	103.11	-3.22	--	--	Peak	86.00	150	Horizontal	N/A
4**	5586.200	95.29	-3.22	--	--	AV	86.00	150	Horizontal	N/A
5	7414.000	48.89	-1.88	68.2	-19.31	Peak	215.00	150	Horizontal	Pass
5**	7414.000	39.25	-1.88	54.0	-14.75	AV	215.00	150	Horizontal	Pass
6	11679.638	52.05	2.44	68.2	-16.15	Peak	169.00	150	Horizontal	Pass
6**	11679.638	41.98	2.44	54.0	-12.02	AV	169.00	150	Horizontal	Pass

11ac40, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1196.900	37.42	-18.19	68.2	-30.78	Peak	271.00	150	Vertical	Pass
1**	1196.900	28.66	-18.19	54.0	-25.34	AV	271.00	150	Vertical	Pass
2	1337.300	39.75	-17.69	68.2	-28.45	Peak	153.00	150	Vertical	Pass
2**	1337.300	29.04	-17.69	54.0	-24.96	AV	153.00	150	Vertical	Pass
3	4808.600	50.14	-3.51	68.2	-18.06	Peak	247.00	150	Vertical	Pass
3**	4808.600	40.70	-3.51	54.0	-13.30	AV	247.00	150	Vertical	Pass
4	5586.800	99.51	-3.22	--	--	Peak	142.00	150	Vertical	N/A
4**	5586.800	92.13	-3.22	--	--	AV	142.00	150	Vertical	N/A
5	7478.688	48.60	-1.96	68.2	-19.60	Peak	0.00	150	Vertical	Pass
5**	7478.688	38.97	-1.96	54.0	-15.03	AV	0.00	150	Vertical	Pass
6	11675.325	50.80	2.46	68.2	-17.40	Peak	346.00	150	Vertical	Pass
6**	11675.325	42.12	2.46	54.0	-11.88	AV	346.00	150	Vertical	Pass

11ac40, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1105.300	38.06	-18.45	68.2	-30.14	Peak	117.00	150	Horizontal	Pass
1**	1105.300	28.63	-18.45	54.0	-25.37	AV	117.00	150	Horizontal	Pass
2	1521.000	39.25	-17.69	68.2	-28.95	Peak	226.00	150	Horizontal	Pass
2**	1521.000	28.93	-17.69	54.0	-25.07	AV	226.00	150	Horizontal	Pass
3	4226.400	48.95	-4.87	68.2	-19.25	Peak	104.00	150	Horizontal	Pass
3**	4226.400	39.85	-4.87	54.0	-14.15	AV	104.00	150	Horizontal	Pass
4	5668.200	104.31	-3.59	--	--	Peak	76.00	150	Horizontal	N/A
4**	5668.200	95.49	-3.59	--	--	AV	76.00	150	Horizontal	N/A
5	7562.638	48.57	-1.83	68.2	-19.63	Peak	323.00	150	Horizontal	Pass
5**	7562.638	39.45	-1.83	54.0	-14.55	AV	323.00	150	Horizontal	Pass
6	11681.075	50.84	2.43	68.2	-17.36	Peak	243.00	150	Horizontal	Pass
6**	11681.075	41.93	2.43	54.0	-12.07	AV	243.00	150	Horizontal	Pass

11ac40, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1106.100	37.33	-18.42	68.2	-30.87	Peak	182.00	150	Vertical	Pass
1**	1106.100	27.98	-18.42	54.0	-26.02	AV	182.00	150	Vertical	Pass
2	1512.100	38.75	-17.81	68.2	-29.45	Peak	262.00	150	Vertical	Pass
2**	1512.100	28.37	-17.81	54.0	-25.63	AV	262.00	150	Vertical	Pass
3	4864.800	50.70	-3.56	68.2	-17.50	Peak	123.00	150	Vertical	Pass
3**	4864.800	41.69	-3.56	54.0	-12.31	AV	123.00	150	Vertical	Pass
4	5673.600	99.30	-3.72	--	--	Peak	137.00	150	Vertical	N/A
4**	5673.600	91.91	-3.72	--	--	AV	137.00	150	Vertical	N/A
5	7405.663	49.16	-1.74	68.2	-19.04	Peak	50.00	150	Vertical	Pass
5**	7405.663	39.82	-1.74	54.0	-14.18	AV	50.00	150	Vertical	Pass
6	11648.874	51.54	2.54	68.2	-16.66	Peak	274.00	150	Vertical	Pass
6**	11648.874	41.83	2.54	54.0	-12.17	AV	274.00	150	Vertical	Pass

11ac80, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1118.400	37.07	-18.38	68.2	-31.13	Peak	312.00	150	Horizontal	Pass
1**	1118.400	27.84	-18.38	54.0	-26.16	AV	312.00	150	Horizontal	Pass
2	1572.000	39.02	-17.58	68.2	-29.18	Peak	121.00	150	Horizontal	Pass
2**	1572.000	29.51	-17.58	54.0	-24.49	AV	121.00	150	Horizontal	Pass
3	4981.800	51.18	-3.84	68.2	-17.02	Peak	196.00	150	Horizontal	Pass
3**	4981.800	41.42	-3.84	54.0	-12.58	AV	196.00	150	Horizontal	Pass
4	5524.600	98.90	-3.00	--	--	Peak	80.00	150	Horizontal	N/A
4**	5524.600	91.74	-3.00	--	--	AV	80.00	150	Horizontal	N/A
5	7384.388	48.70	-1.77	68.2	-19.50	Peak	211.00	150	Horizontal	Pass
5**	7384.388	39.33	-1.77	54.0	-14.67	AV	211.00	150	Horizontal	Pass
6	11675.900	51.88	2.45	68.2	-16.32	Peak	258.00	150	Horizontal	Pass
6**	11675.900	41.79	2.45	54.0	-12.21	AV	258.00	150	Horizontal	Pass

11ac80, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1184.800	37.63	-18.26	68.2	-30.57	Peak	67.00	150	Vertical	Pass
1**	1184.800	28.33	-18.26	54.0	-25.67	AV	67.00	150	Vertical	Pass
2	1536.300	38.59	-17.66	68.2	-29.61	Peak	126.00	150	Vertical	Pass
2**	1536.300	29.20	-17.66	54.0	-24.80	AV	126.00	150	Vertical	Pass
3	4843.000	50.81	-3.53	68.2	-17.39	Peak	221.00	150	Vertical	Pass
3**	4843.000	41.23	-3.53	54.0	-12.77	AV	221.00	150	Vertical	Pass
4	5539.000	95.53	-2.84	--	--	Peak	148.00	150	Vertical	N/A
4**	5539.000	88.49	-2.84	--	--	AV	148.00	150	Vertical	N/A
5	7545.100	49.12	-1.60	68.2	-19.08	Peak	51.00	150	Vertical	Pass
5**	7545.100	39.55	-1.60	54.0	-14.45	AV	51.00	150	Vertical	Pass
6	11657.500	51.01	2.53	68.2	-17.19	Peak	97.00	150	Vertical	Pass
6**	11657.500	41.84	2.53	54.0	-12.16	AV	97.00	150	Vertical	Pass

11ac80, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.600	37.54	-18.38	68.2	-30.66	Peak	0.00	150	Horizontal	Pass
1**	1164.600	28.17	-18.38	54.0	-25.83	AV	0.00	150	Horizontal	Pass
2	1578.900	38.99	-17.52	68.2	-29.21	Peak	162.00	150	Horizontal	Pass
2**	1578.900	29.19	-17.52	54.0	-24.81	AV	162.00	150	Horizontal	Pass
3	4293.600	49.57	-4.79	68.2	-18.63	Peak	184.00	150	Horizontal	Pass
3**	4293.600	40.05	-4.79	54.0	-13.95	AV	184.00	150	Horizontal	Pass
4	5605.600	99.49	-3.16	--	--	Peak	76.00	150	Horizontal	N/A
4**	5605.600	91.96	-3.16	--	--	AV	76.00	150	Horizontal	N/A
5	7424.637	48.91	-2.10	68.2	-19.29	Peak	212.00	150	Horizontal	Pass
5**	7424.637	40.09	-2.10	54.0	-13.91	AV	212.00	150	Horizontal	Pass
6	11675.900	50.89	2.45	68.2	-17.31	Peak	187.00	150	Horizontal	Pass
6**	11675.900	42.59	2.45	54.0	-11.41	AV	187.00	150	Horizontal	Pass

11ac80, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1127.300	36.77	-18.43	68.2	-31.43	Peak	97.00	150	Vertical	Pass
1**	1127.300	28.04	-18.43	54.0	-25.96	AV	97.00	150	Vertical	Pass
2	1459.100	39.34	-17.68	68.2	-28.86	Peak	321.00	150	Vertical	Pass
2**	1459.100	28.80	-17.68	54.0	-25.20	AV	321.00	150	Vertical	Pass
3	5050.600	51.60	-2.94	68.2	-16.60	Peak	202.00	150	Vertical	Pass
3**	5050.600	42.42	-2.94	54.0	-11.58	AV	202.00	150	Vertical	Pass
4	5613.200	95.73	-3.05	--	--	Peak	157.00	150	Vertical	N/A
4**	5613.200	87.99	-3.05	--	--	AV	157.00	150	Vertical	N/A
5	7409.688	48.99	-1.76	68.2	-19.21	Peak	53.00	150	Vertical	Pass
5**	7409.688	39.26	-1.76	54.0	-14.74	AV	53.00	150	Vertical	Pass
6	11651.463	51.35	2.55	68.2	-16.85	Peak	360.00	150	Vertical	Pass
6**	11651.463	42.09	2.55	54.0	-11.91	AV	360.00	150	Vertical	Pass

11a, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1208.800	38.69	-18.17	68.2	-29.51	Peak	77.00	150	Horizontal	Pass
1**	1208.800	28.63	-18.17	54.0	-25.37	AV	77.00	150	Horizontal	Pass
2	1528.300	39.06	-17.73	68.2	-29.14	Peak	0.00	150	Horizontal	Pass
2**	1528.300	29.43	-17.73	54.0	-24.57	AV	0.00	150	Horizontal	Pass
3	4798.800	50.36	-3.54	68.2	-17.84	Peak	92.00	150	Horizontal	Pass
3**	4798.800	41.14	-3.54	54.0	-12.86	AV	92.00	150	Horizontal	Pass
4	5744.000	107.84	-3.59	--	--	Peak	81.00	150	Horizontal	N/A
4**	5744.000	100.61	-3.59	--	--	AV	81.00	150	Horizontal	N/A
5	7407.675	48.40	-1.73	68.2	-19.80	Peak	0.00	150	Horizontal	Pass
5**	7407.675	39.64	-1.73	54.0	-14.36	AV	0.00	150	Horizontal	Pass
6	11679.925	50.90	2.44	68.2	-17.30	Peak	69.00	150	Horizontal	Pass
6**	11679.925	42.59	2.44	54.0	-11.41	AV	69.00	150	Horizontal	Pass

11a, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1172.600	37.71	-18.45	68.2	-30.49	Peak	211.00	150	Vertical	Pass
1**	1172.600	27.95	-18.45	54.0	-26.05	AV	211.00	150	Vertical	Pass
2	1532.800	37.92	-17.77	68.2	-30.28	Peak	310.00	150	Vertical	Pass
2**	1532.800	29.02	-17.77	54.0	-24.98	AV	310.00	150	Vertical	Pass
3	5069.000	51.44	-2.92	68.2	-16.76	Peak	216.00	150	Vertical	Pass
3**	5069.000	41.05	-2.92	54.0	-12.95	AV	216.00	150	Vertical	Pass
4	5746.400	103.27	-3.59	--	--	Peak	138.00	150	Vertical	N/A
4**	5746.400	95.91	-3.59	--	--	AV	138.00	150	Vertical	N/A
5	7369.150	49.52	-1.93	68.2	-18.68	Peak	134.00	150	Vertical	Pass
5**	7369.150	39.86	-1.93	54.0	-14.14	AV	134.00	150	Vertical	Pass
6	11634.500	51.08	2.38	68.2	-17.12	Peak	296.00	150	Vertical	Pass
6**	11634.500	41.51	2.38	54.0	-12.49	AV	296.00	150	Vertical	Pass

11a, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1142.100	37.34	-18.38	68.2	-30.86	Peak	0.00	150	Horizontal	Pass
1**	1142.100	27.79	-18.38	54.0	-26.21	AV	0.00	150	Horizontal	Pass
2	1580.200	39.13	-17.52	68.2	-29.07	Peak	138.00	150	Horizontal	Pass
2**	1580.200	28.79	-17.52	54.0	-25.21	AV	138.00	150	Horizontal	Pass
3	4227.000	49.29	-4.88	68.2	-18.91	Peak	41.00	150	Horizontal	Pass
3**	4227.000	38.99	-4.88	54.0	-15.01	AV	41.00	150	Horizontal	Pass
4	5782.800	108.71	-3.07	--	--	Peak	72.00	150	Horizontal	N/A
4**	5782.800	100.80	-3.07	--	--	AV	72.00	150	Horizontal	N/A
5	7369.150	48.60	-1.93	68.2	-19.60	Peak	16.00	150	Horizontal	Pass
5**	7369.150	39.26	-1.93	54.0	-14.74	AV	16.00	150	Horizontal	Pass
6	11675.037	50.96	2.46	68.2	-17.24	Peak	37.00	150	Horizontal	Pass
6**	11675.037	42.26	2.46	54.0	-11.74	AV	37.00	150	Horizontal	Pass

11a, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1188.500	37.61	-18.31	68.2	-30.59	Peak	153.00	150	Vertical	Pass
1**	1188.500	27.93	-18.31	54.0	-26.07	AV	153.00	150	Vertical	Pass
2	1548.400	38.41	-17.72	68.2	-29.79	Peak	1.00	150	Vertical	Pass
2**	1548.400	29.32	-17.72	54.0	-24.68	AV	1.00	150	Vertical	Pass
3	4043.200	48.69	-5.39	68.2	-19.51	Peak	190.00	150	Vertical	Pass
3**	4043.200	39.48	-5.39	54.0	-14.52	AV	190.00	150	Vertical	Pass
4	5788.400	103.06	-2.94	--	--	Peak	137.00	150	Vertical	N/A
4**	5788.400	94.97	-2.94	--	--	AV	137.00	150	Vertical	N/A
5	7559.475	48.77	-1.72	68.2	-19.43	Peak	154.00	150	Vertical	Pass
5**	7559.475	38.89	-1.72	54.0	-15.11	AV	154.00	150	Vertical	Pass
6	11669.287	51.15	2.48	68.2	-17.05	Peak	220.00	150	Vertical	Pass
6**	11669.287	41.99	2.48	54.0	-12.01	AV	220.00	150	Vertical	Pass

11a, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1140.900	37.12	-18.38	68.2	-31.08	Peak	87.00	150	Horizontal	Pass
1**	1140.900	27.57	-18.38	54.0	-26.43	AV	87.00	150	Horizontal	Pass
2	1601.700	38.78	-17.75	68.2	-29.42	Peak	155.00	150	Horizontal	Pass
2**	1601.700	28.77	-17.75	54.0	-25.23	AV	155.00	150	Horizontal	Pass
3	4591.200	50.50	-4.31	68.2	-17.70	Peak	203.00	150	Horizontal	Pass
3**	4591.200	39.87	-4.31	54.0	-14.13	AV	203.00	150	Horizontal	Pass
4	5824.400	108.58	-2.75	--	--	Peak	81.00	150	Horizontal	N/A
4**	5824.400	101.77	-2.75	--	--	AV	81.00	150	Horizontal	N/A
5	7384.388	49.43	-1.77	68.2	-18.77	Peak	189.00	150	Horizontal	Pass
5**	7384.388	40.05	-1.77	54.0	-13.95	AV	189.00	150	Horizontal	Pass
6	11654.050	51.06	2.54	68.2	-17.14	Peak	200.00	150	Horizontal	Pass
6**	11654.050	42.39	2.54	54.0	-11.61	AV	200.00	150	Horizontal	Pass

11a, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1167.300	37.38	-18.49	68.2	-30.82	Peak	36.00	150	Vertical	Pass
1**	1167.300	27.61	-18.49	54.0	-26.39	AV	36.00	150	Vertical	Pass
2	1524.200	38.25	-17.69	68.2	-29.95	Peak	332.00	150	Vertical	Pass
2**	1524.200	29.72	-17.69	54.0	-24.28	AV	332.00	150	Vertical	Pass
3	4037.200	47.89	-5.32	68.2	-20.31	Peak	113.00	150	Vertical	Pass
3**	4037.200	39.05	-5.32	54.0	-14.95	AV	113.00	150	Vertical	Pass
4	5823.800	104.51	-2.75	--	--	Peak	135.00	150	Vertical	N/A
4**	5823.800	95.80	-2.75	--	--	AV	135.00	150	Vertical	N/A
5	7558.038	49.12	-1.67	68.2	-19.08	Peak	184.00	150	Vertical	Pass
5**	7558.038	39.34	-1.67	54.0	-14.66	AV	184.00	150	Vertical	Pass
6	11656.925	51.26	2.53	68.2	-16.94	Peak	15.00	150	Vertical	Pass
6**	11656.925	41.79	2.53	54.0	-12.21	AV	15.00	150	Vertical	Pass

11n20, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1197.300	37.81	-18.19	68.2	-30.39	Peak	280.00	150	Horizontal	Pass
1**	1197.300	28.06	-18.19	54.0	-25.94	AV	280.00	150	Horizontal	Pass
2	1488.400	38.32	-17.73	68.2	-29.88	Peak	246.00	150	Horizontal	Pass
2**	1488.400	29.13	-17.73	54.0	-24.87	AV	246.00	150	Horizontal	Pass
3	4278.400	48.90	-4.77	68.2	-19.30	Peak	261.00	150	Horizontal	Pass
3**	4278.400	39.10	-4.77	54.0	-14.90	AV	261.00	150	Horizontal	Pass
4	5743.200	107.25	-3.60	--	--	Peak	73.00	150	Horizontal	N/A
4**	5743.200	99.49	-3.60	--	--	AV	73.00	150	Horizontal	N/A
5	7546.250	48.46	-1.58	68.2	-19.74	Peak	41.00	150	Horizontal	Pass
5**	7546.250	39.05	-1.58	54.0	-14.95	AV	41.00	150	Horizontal	Pass
6	11658.075	51.47	2.52	68.2	-16.73	Peak	298.00	150	Horizontal	Pass
6**	11658.075	41.90	2.52	54.0	-12.10	AV	298.00	150	Horizontal	Pass

11n20, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1149.200	37.34	-18.36	68.2	-30.86	Peak	128.00	150	Vertical	Pass
1**	1149.200	27.89	-18.36	54.0	-26.11	AV	128.00	150	Vertical	Pass
2	1523.300	39.03	-17.67	68.2	-29.17	Peak	0.00	150	Vertical	Pass
2**	1523.300	30.46	-17.67	54.0	-23.54	AV	0.00	150	Vertical	Pass
3	5047.400	51.38	-2.90	68.2	-16.82	Peak	315.00	150	Vertical	Pass
3**	5047.400	42.74	-2.90	54.0	-11.26	AV	315.00	150	Vertical	Pass
4	5742.800	102.14	-3.61	--	--	Peak	127.00	150	Vertical	N/A
4**	5742.800	94.74	-3.61	--	--	AV	127.00	150	Vertical	N/A
5	7544.525	49.09	-1.61	68.2	-19.11	Peak	113.00	150	Vertical	Pass
5**	7544.525	38.90	-1.61	54.0	-15.10	AV	113.00	150	Vertical	Pass
6	11648.012	51.30	2.53	68.2	-16.90	Peak	210.00	150	Vertical	Pass
6**	11648.012	42.07	2.53	54.0	-11.93	AV	210.00	150	Vertical	Pass

11n20, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1131.100	37.05	-18.34	68.2	-31.15	Peak	338.00	150	Horizontal	Pass
1**	1131.100	27.56	-18.34	54.0	-26.44	AV	338.00	150	Horizontal	Pass
2	1538.000	38.99	-17.72	68.2	-29.21	Peak	212.00	150	Horizontal	Pass
2**	1538.000	29.92	-17.72	54.0	-24.08	AV	212.00	150	Horizontal	Pass
3	4830.400	50.26	-3.63	68.2	-17.94	Peak	161.00	150	Horizontal	Pass
3**	4830.400	40.61	-3.63	54.0	-13.39	AV	161.00	150	Horizontal	Pass
4	5786.400	108.50	-2.99	--	--	Peak	77.00	150	Horizontal	N/A
4**	5786.400	100.25	-2.99	--	--	AV	77.00	150	Horizontal	N/A
5	7491.050	49.40	-1.82	68.2	-18.80	Peak	17.00	150	Horizontal	Pass
5**	7491.050	39.66	-1.82	54.0	-14.34	AV	17.00	150	Horizontal	Pass
6	11668.712	50.93	2.48	68.2	-17.27	Peak	360.00	150	Horizontal	Pass
6**	11668.712	41.86	2.48	54.0	-12.14	AV	360.00	150	Horizontal	Pass

11n20, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1191.600	37.52	-18.18	68.2	-30.68	Peak	330.00	150	Vertical	Pass
1**	1191.600	28.18	-18.18	54.0	-25.82	AV	330.00	150	Vertical	Pass
2	1560.000	38.33	-17.61	68.2	-29.87	Peak	204.00	150	Vertical	Pass
2**	1560.000	29.37	-17.61	54.0	-24.63	AV	204.00	150	Vertical	Pass
3	5150.000	49.26	-3.23	68.2	-18.94	Peak	345.00	150	Vertical	Pass
3**	5150.000	42.75	-3.23	54.0	-11.25	AV	345.00	150	Vertical	Pass
4	5786.000	102.49	-3.00	--	--	Peak	134.00	150	Vertical	N/A
4**	5786.000	95.01	-3.00	--	--	AV	134.00	150	Vertical	N/A
5	7407.675	48.85	-1.73	68.2	-19.35	Peak	169.00	150	Vertical	Pass
5**	7407.675	40.39	-1.73	54.0	-13.61	AV	169.00	150	Vertical	Pass
6	11626.162	50.84	2.29	68.2	-17.36	Peak	310.00	150	Vertical	Pass
6**	11626.162	42.37	2.29	54.0	-11.63	AV	310.00	150	Vertical	Pass

11n20, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1150.800	37.22	-18.31	68.2	-30.98	Peak	305.00	150	Horizontal	Pass
1**	1150.800	27.93	-18.31	54.0	-26.07	AV	305.00	150	Horizontal	Pass
2	1547.400	38.19	-17.74	68.2	-30.01	Peak	19.00	150	Horizontal	Pass
2**	1547.400	28.93	-17.74	54.0	-25.07	AV	19.00	150	Horizontal	Pass
3	4915.800	50.99	-3.70	68.2	-17.21	Peak	293.00	150	Horizontal	Pass
3**	4915.800	40.93	-3.70	54.0	-13.07	AV	293.00	150	Horizontal	Pass
4	5823.600	108.40	-2.75	--	--	Peak	81.00	150	Horizontal	N/A
4**	5823.600	100.37	-2.75	--	--	AV	81.00	150	Horizontal	N/A
5	7381.513	49.05	-1.72	68.2	-19.15	Peak	178.00	150	Horizontal	Pass
5**	7381.513	39.93	-1.72	54.0	-14.07	AV	178.00	150	Horizontal	Pass
6	11652.325	50.94	2.55	68.2	-17.26	Peak	178.00	150	Horizontal	Pass
6**	11652.325	42.56	2.55	54.0	-11.44	AV	178.00	150	Horizontal	Pass

11n20, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1128.900	37.10	-18.39	68.2	-31.10	Peak	120.00	150	Vertical	Pass
1**	1128.900	28.19	-18.39	54.0	-25.81	AV	120.00	150	Vertical	Pass
2	1494.900	38.69	-17.76	68.2	-29.51	Peak	332.00	150	Vertical	Pass
2**	1494.900	28.47	-17.76	54.0	-25.53	AV	332.00	150	Vertical	Pass
3	4801.000	50.98	-3.52	68.2	-17.22	Peak	311.00	150	Vertical	Pass
3**	4801.000	41.31	-3.52	54.0	-12.69	AV	311.00	150	Vertical	Pass
4	5826.800	102.32	-2.74	--	--	Peak	135.00	150	Vertical	N/A
4**	5826.800	95.00	-2.74	--	--	AV	135.00	150	Vertical	N/A
5	7451.950	48.59	-2.30	68.2	-19.61	Peak	70.00	150	Vertical	Pass
5**	7451.950	39.67	-2.30	54.0	-14.33	AV	70.00	150	Vertical	Pass
6	11685.100	50.61	2.42	68.2	-17.59	Peak	141.00	150	Vertical	Pass
6**	11685.100	42.28	2.42	54.0	-11.72	AV	141.00	150	Vertical	Pass

11n40, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1103.000	37.02	-18.48	68.2	-31.18	Peak	196.00	150	Horizontal	Pass
1**	1103.000	26.99	-18.48	54.0	-27.01	AV	196.00	150	Horizontal	Pass
2	1490.800	39.16	-17.73	68.2	-29.04	Peak	188.00	150	Horizontal	Pass
2**	1490.800	28.76	-17.73	54.0	-25.24	AV	188.00	150	Horizontal	Pass
3	4972.200	51.34	-3.94	68.2	-16.86	Peak	200.00	150	Horizontal	Pass
3**	4972.200	41.14	-3.94	54.0	-12.86	AV	200.00	150	Horizontal	Pass
4	5752.000	103.85	-3.52	--	--	Peak	80.00	150	Horizontal	N/A
4**	5752.000	97.25	-3.52	--	--	AV	80.00	150	Horizontal	N/A
5	7484.725	48.93	-1.91	68.2	-19.27	Peak	214.00	150	Horizontal	Pass
5**	7484.725	40.12	-1.91	54.0	-13.88	AV	214.00	150	Horizontal	Pass
6	11668.712	51.40	2.48	68.2	-16.80	Peak	324.00	150	Horizontal	Pass
6**	11668.712	41.82	2.48	54.0	-12.18	AV	324.00	150	Horizontal	Pass

11n40, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1199.700	38.53	-18.17	68.2	-29.67	Peak	164.00	150	Vertical	Pass
1**	1199.700	28.34	-18.17	54.0	-25.66	AV	164.00	150	Vertical	Pass
2	1363.000	38.24	-17.54	68.2	-29.96	Peak	189.00	150	Vertical	Pass
2**	1363.000	29.11	-17.54	54.0	-24.89	AV	189.00	150	Vertical	Pass
3	4091.400	49.11	-5.06	68.2	-19.09	Peak	42.00	150	Vertical	Pass
3**	4091.400	39.05	-5.06	54.0	-14.95	AV	42.00	150	Vertical	Pass
4	5753.200	98.17	-3.50	--	--	Peak	133.00	150	Vertical	N/A
4**	5753.200	90.47	-3.50	--	--	AV	133.00	150	Vertical	N/A
5	7419.463	48.41	-2.03	68.2	-19.79	Peak	26.00	150	Vertical	Pass
5**	7419.463	39.33	-2.03	54.0	-14.67	AV	26.00	150	Vertical	Pass
6	11655.200	51.00	2.54	68.2	-17.20	Peak	292.00	150	Vertical	Pass
6**	11655.200	42.09	2.54	54.0	-11.91	AV	292.00	150	Vertical	Pass

11n40, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1183.300	37.64	-18.29	68.2	-30.56	Peak	198.00	150	Horizontal	Pass
1**	1183.300	28.17	-18.29	54.0	-25.83	AV	198.00	150	Horizontal	Pass
2	1548.000	38.44	-17.73	68.2	-29.76	Peak	91.00	150	Horizontal	Pass
2**	1548.000	30.27	-17.73	54.0	-23.73	AV	91.00	150	Horizontal	Pass
3	4823.400	51.60	-3.66	68.2	-16.60	Peak	341.00	150	Horizontal	Pass
3**	4823.400	41.65	-3.66	54.0	-12.35	AV	341.00	150	Horizontal	Pass
4	5798.600	103.92	-2.70	--	--	Peak	76.00	150	Horizontal	N/A
4**	5798.600	95.92	-2.70	--	--	AV	76.00	150	Horizontal	N/A
5	7473.800	49.64	-1.97	68.2	-18.56	Peak	202.00	150	Horizontal	Pass
5**	7473.800	40.35	-1.97	54.0	-13.65	AV	202.00	150	Horizontal	Pass
6	11699.763	50.95	2.30	68.2	-17.25	Peak	290.00	150	Horizontal	Pass
6**	11699.763	41.97	2.30	54.0	-12.03	AV	290.00	150	Horizontal	Pass

11n40, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1183.200	38.45	-18.29	68.2	-29.75	Peak	157.00	150	Vertical	Pass
1**	1183.200	28.52	-18.29	54.0	-25.48	AV	157.00	150	Vertical	Pass
2	1322.800	38.80	-17.56	68.2	-29.40	Peak	0.00	150	Vertical	Pass
2**	1322.800	29.14	-17.56	54.0	-24.86	AV	0.00	150	Vertical	Pass
3	4897.800	50.42	-3.58	68.2	-17.78	Peak	102.00	150	Vertical	Pass
3**	4897.800	41.04	-3.58	54.0	-12.96	AV	102.00	150	Vertical	Pass
4	5792.000	98.68	-2.85	--	--	Peak	135.00	150	Vertical	N/A
4**	5792.000	90.70	-2.85	--	--	AV	135.00	150	Vertical	N/A
5	7474.662	49.16	-1.96	68.2	-19.04	Peak	17.00	150	Vertical	Pass
5**	7474.662	39.27	-1.96	54.0	-14.73	AV	17.00	150	Vertical	Pass
6	11639.963	50.61	2.44	68.2	-17.59	Peak	269.00	150	Vertical	Pass
6**	11639.963	42.26	2.44	54.0	-11.74	AV	269.00	150	Vertical	Pass

11ac20, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1135.700	37.81	-18.26	68.2	-30.39	Peak	40.00	150	Horizontal	Pass
1**	1135.700	29.14	-18.26	54.0	-24.86	AV	40.00	150	Horizontal	Pass
2	1359.600	38.69	-17.59	68.2	-29.51	Peak	148.00	150	Horizontal	Pass
2**	1359.600	29.62	-17.59	54.0	-24.38	AV	148.00	150	Horizontal	Pass
3	4812.000	51.82	-3.55	68.2	-16.38	Peak	43.00	150	Horizontal	Pass
3**	4812.000	40.77	-3.55	54.0	-13.23	AV	43.00	150	Horizontal	Pass
4	5747.400	107.34	-3.59	--	--	Peak	76.00	150	Horizontal	N/A
4**	5747.400	99.18	-3.59	--	--	AV	76.00	150	Horizontal	N/A
5	7556.025	49.29	-1.63	68.2	-18.91	Peak	6.00	150	Horizontal	Pass
5**	7556.025	40.03	-1.63	54.0	-13.97	AV	6.00	150	Horizontal	Pass
6	11588.787	50.92	1.87	68.2	-17.28	Peak	136.00	150	Horizontal	Pass
6**	11588.787	40.62	1.87	54.0	-13.38	AV	136.00	150	Horizontal	Pass

11ac20, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1145.200	37.51	-18.38	68.2	-30.69	Peak	48.00	150	Vertical	Pass
1**	1145.200	27.56	-18.38	54.0	-26.44	AV	48.00	150	Vertical	Pass
2	1567.700	38.61	-17.59	68.2	-29.59	Peak	268.00	150	Vertical	Pass
2**	1567.700	28.90	-17.59	54.0	-25.10	AV	268.00	150	Vertical	Pass
3	4854.800	50.29	-3.45	68.2	-17.91	Peak	161.00	150	Vertical	Pass
3**	4854.800	40.94	-3.45	54.0	-13.06	AV	161.00	150	Vertical	Pass
4	5745.800	101.64	-3.58	--	--	Peak	121.00	150	Vertical	N/A
4**	5745.800	93.59	-3.58	--	--	AV	121.00	150	Vertical	N/A
5	7379.788	48.87	-1.74	68.2	-19.33	Peak	108.00	150	Vertical	Pass
5**	7379.788	39.68	-1.74	54.0	-14.32	AV	108.00	150	Vertical	Pass
6	11658.937	50.94	2.52	68.2	-17.26	Peak	141.00	150	Vertical	Pass
6**	11658.937	42.27	2.52	54.0	-11.73	AV	141.00	150	Vertical	Pass

11ac20, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1196.700	37.43	-18.19	68.2	-30.77	Peak	340.00	150	Horizontal	Pass
1**	1196.700	28.30	-18.19	54.0	-25.70	AV	340.00	150	Horizontal	Pass
2	1533.100	39.11	-17.78	68.2	-29.09	Peak	73.00	150	Horizontal	Pass
2**	1533.100	28.58	-17.78	54.0	-25.42	AV	73.00	150	Horizontal	Pass
3	4848.000	50.37	-3.44	68.2	-17.83	Peak	337.00	150	Horizontal	Pass
3**	4848.000	41.28	-3.44	54.0	-12.72	AV	337.00	150	Horizontal	Pass
4	5785.600	108.12	-3.01	--	--	Peak	80.00	150	Horizontal	N/A
4**	5785.600	99.95	-3.01	--	--	AV	80.00	150	Horizontal	N/A
5	7395.025	49.08	-1.57	68.2	-19.12	Peak	307.00	150	Horizontal	Pass
5**	7395.025	39.94	-1.57	54.0	-14.06	AV	307.00	150	Horizontal	Pass
6	11657.213	50.72	2.53	68.2	-17.48	Peak	0.00	150	Horizontal	Pass
6**	11657.213	41.55	2.53	54.0	-12.45	AV	0.00	150	Horizontal	Pass

11ac20, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1082.900	37.28	-18.68	68.2	-30.92	Peak	174.00	150	Vertical	Pass
1**	1082.900	28.09	-18.68	54.0	-25.91	AV	174.00	150	Vertical	Pass
2	1513.200	38.52	-17.81	68.2	-29.68	Peak	0.00	150	Vertical	Pass
2**	1513.200	29.15	-17.81	54.0	-24.85	AV	0.00	150	Vertical	Pass
3	4793.600	50.37	-3.68	68.2	-17.83	Peak	167.00	150	Vertical	Pass
3**	4793.600	41.45	-3.68	54.0	-12.55	AV	167.00	150	Vertical	Pass
4	5782.000	102.21	-3.09	--	--	Peak	133.00	150	Vertical	N/A
4**	5782.000	93.94	-3.09	--	--	AV	133.00	150	Vertical	N/A
5	7525.837	48.59	-1.60	68.2	-19.61	Peak	163.00	150	Vertical	Pass
5**	7525.837	38.94	-1.60	54.0	-15.06	AV	163.00	150	Vertical	Pass
6	12234.512	50.71	2.63	68.2	-17.49	Peak	10.00	150	Vertical	Pass
6**	12234.512	41.63	2.63	54.0	-12.37	AV	10.00	150	Vertical	Pass

11ac20, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.400	37.22	-18.40	68.2	-30.98	Peak	86.00	150	Horizontal	Pass
1**	1163.400	28.06	-18.40	54.0	-25.94	AV	86.00	150	Horizontal	Pass
2	1522.100	38.55	-17.67	68.2	-29.65	Peak	308.00	150	Horizontal	Pass
2**	1522.100	29.39	-17.67	54.0	-24.61	AV	308.00	150	Horizontal	Pass
3	4021.400	48.32	-5.70	68.2	-19.88	Peak	132.00	150	Horizontal	Pass
3**	4021.400	38.68	-5.70	54.0	-15.32	AV	132.00	150	Horizontal	Pass
4	5827.200	107.56	-2.74	--	--	Peak	85.00	150	Horizontal	N/A
4**	5827.200	99.75	-2.74	--	--	AV	85.00	150	Horizontal	N/A
5	7485.012	49.03	-1.90	68.2	-19.17	Peak	66.00	150	Horizontal	Pass
5**	7485.012	39.31	-1.90	54.0	-14.69	AV	66.00	150	Horizontal	Pass
6	11663.250	51.11	2.50	68.2	-17.09	Peak	281.00	150	Horizontal	Pass
6**	11663.250	42.53	2.50	54.0	-11.47	AV	281.00	150	Horizontal	Pass

11ac20, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1151.100	37.20	-18.31	68.2	-31.00	Peak	307.00	150	Vertical	Pass
1**	1151.100	28.71	-18.31	54.0	-25.29	AV	307.00	150	Vertical	Pass
2	1379.000	39.33	-17.51	68.2	-28.87	Peak	329.00	150	Vertical	Pass
2**	1379.000	29.23	-17.51	54.0	-24.77	AV	329.00	150	Vertical	Pass
3	4776.400	50.21	-3.85	68.2	-17.99	Peak	174.00	150	Vertical	Pass
3**	4776.400	39.68	-3.85	54.0	-14.32	AV	174.00	150	Vertical	Pass
4	5826.000	101.97	-2.74	--	--	Peak	141.00	150	Vertical	N/A
4**	5826.000	94.99	-2.74	--	--	AV	141.00	150	Vertical	N/A
5	7567.525	49.05	-2.02	68.2	-19.15	Peak	145.00	150	Vertical	Pass
5**	7567.525	39.20	-2.02	54.0	-14.80	AV	145.00	150	Vertical	Pass
6	11642.263	51.21	2.47	68.2	-16.99	Peak	0.00	150	Vertical	Pass
6**	11642.263	42.38	2.47	54.0	-11.62	AV	0.00	150	Vertical	Pass

11ac40, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1029.100	37.23	-18.42	68.2	-30.97	Peak	152.00	150	Horizontal	Pass
1**	1029.100	28.37	-18.42	54.0	-25.63	AV	152.00	150	Horizontal	Pass
2	1476.000	38.63	-17.79	68.2	-29.57	Peak	159.00	150	Horizontal	Pass
2**	1476.000	28.65	-17.79	54.0	-25.35	AV	159.00	150	Horizontal	Pass
3	4953.200	50.82	-3.85	68.2	-17.38	Peak	247.00	150	Horizontal	Pass
3**	4953.200	41.36	-3.85	54.0	-12.64	AV	247.00	150	Horizontal	Pass
4	5753.400	104.65	-3.50	--	--	Peak	75.00	150	Horizontal	N/A
4**	5753.400	96.55	-3.50	--	--	AV	75.00	150	Horizontal	N/A
5	7358.225	49.18	-2.29	68.2	-19.02	Peak	121.00	150	Horizontal	Pass
5**	7358.225	39.57	-2.29	54.0	-14.43	AV	121.00	150	Horizontal	Pass
6	11662.963	51.87	2.50	68.2	-16.33	Peak	285.00	150	Horizontal	Pass
6**	11662.963	41.80	2.50	54.0	-12.20	AV	285.00	150	Horizontal	Pass

11ac40, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1196.900	38.38	-18.19	68.2	-29.82	Peak	241.00	150	Vertical	Pass
1**	1196.900	29.17	-18.19	54.0	-24.83	AV	241.00	150	Vertical	Pass
2	1546.700	38.46	-17.76	68.2	-29.74	Peak	1.00	150	Vertical	Pass
2**	1546.700	29.55	-17.76	54.0	-24.45	AV	1.00	150	Vertical	Pass
3	5044.200	51.53	-2.98	68.2	-16.67	Peak	127.00	150	Vertical	Pass
3**	5044.200	41.63	-2.98	54.0	-12.37	AV	127.00	150	Vertical	Pass
4	5759.200	97.73	-3.51	--	--	Peak	139.00	150	Vertical	N/A
4**	5759.200	89.57	-3.51	--	--	AV	139.00	150	Vertical	N/A
5	7555.163	48.72	-1.60	68.2	-19.48	Peak	12.00	150	Vertical	Pass
5**	7555.163	39.65	-1.60	54.0	-14.35	AV	12.00	150	Vertical	Pass
6	11405.650	50.13	0.60	68.2	-18.07	Peak	187.00	150	Vertical	Pass
6**	11405.650	39.94	0.60	54.0	-14.06	AV	187.00	150	Vertical	Pass

11ac40, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1146.900	37.28	-18.41	68.2	-30.92	Peak	236.00	150	Horizontal	Pass
1**	1146.900	27.40	-18.41	54.0	-26.60	AV	236.00	150	Horizontal	Pass
2	1556.600	38.48	-17.75	68.2	-29.72	Peak	298.00	150	Horizontal	Pass
2**	1556.600	28.74	-17.75	54.0	-25.26	AV	298.00	150	Horizontal	Pass
3	4846.400	50.24	-3.47	68.2	-17.96	Peak	265.00	150	Horizontal	Pass
3**	4846.400	40.65	-3.47	54.0	-13.35	AV	265.00	150	Horizontal	Pass
4	5790.400	103.78	-2.87	--	--	Peak	74.00	150	Horizontal	N/A
4**	5790.400	95.88	-2.87	--	--	AV	74.00	150	Horizontal	N/A
5	7389.850	49.27	-1.73	68.2	-18.93	Peak	203.00	150	Horizontal	Pass
5**	7389.850	39.96	-1.73	54.0	-14.04	AV	203.00	150	Horizontal	Pass
6	11632.487	51.26	2.36	68.2	-16.94	Peak	169.00	150	Horizontal	Pass
6**	11632.487	41.46	2.36	54.0	-12.54	AV	169.00	150	Horizontal	Pass

11ac40, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1185.800	37.25	-18.26	68.2	-30.95	Peak	118.00	150	Vertical	Pass
1**	1185.800	27.52	-18.26	54.0	-26.48	AV	118.00	150	Vertical	Pass
2	1387.100	38.18	-17.45	68.2	-30.02	Peak	143.00	150	Vertical	Pass
2**	1387.100	29.53	-17.45	54.0	-24.47	AV	143.00	150	Vertical	Pass
3	4846.200	50.69	-3.48	68.2	-17.51	Peak	108.00	150	Vertical	Pass
3**	4846.200	41.20	-3.48	54.0	-12.80	AV	108.00	150	Vertical	Pass
4	5797.800	98.68	-2.71	--	--	Peak	131.00	150	Vertical	N/A
4**	5797.800	91.02	-2.71	--	--	AV	131.00	150	Vertical	N/A
5	7387.550	48.92	-1.73	68.2	-19.28	Peak	257.00	150	Vertical	Pass
5**	7387.550	39.94	-1.73	54.0	-14.06	AV	257.00	150	Vertical	Pass
6	12253.487	51.10	2.63	68.2	-17.10	Peak	70.00	150	Vertical	Pass
6**	12253.487	41.22	2.63	54.0	-12.78	AV	70.00	150	Vertical	Pass

11ac80, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1094.000	37.28	-18.58	68.2	-30.92	Peak	294.00	150	Horizontal	Pass
1**	1094.000	27.51	-18.58	54.0	-26.49	AV	294.00	150	Horizontal	Pass
2	1535.400	38.18	-17.73	68.2	-30.02	Peak	217.00	150	Horizontal	Pass
2**	1535.400	28.65	-17.73	54.0	-25.35	AV	217.00	150	Horizontal	Pass
3	5063.200	51.30	-2.90	68.2	-16.90	Peak	313.00	150	Horizontal	Pass
3**	5063.200	43.18	-2.90	54.0	-10.82	AV	313.00	150	Horizontal	Pass
4	5770.600	100.13	-3.29	--	--	Peak	77.00	150	Horizontal	N/A
4**	5770.600	91.98	-3.29	--	--	AV	77.00	150	Horizontal	N/A
5	7499.100	49.40	-1.89	68.2	-18.80	Peak	183.00	150	Horizontal	Pass
5**	7499.100	39.01	-1.89	54.0	-14.99	AV	183.00	150	Horizontal	Pass
6	11693.150	50.90	2.36	68.2	-17.30	Peak	16.00	150	Horizontal	Pass
6**	11693.150	42.50	2.36	54.0	-11.50	AV	16.00	150	Horizontal	Pass

11ac80, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1060.000	37.46	-18.62	68.2	-30.74	Peak	8.00	150	Vertical	Pass
1**	1060.000	26.88	-18.62	54.0	-27.12	AV	8.00	150	Vertical	Pass
2	1522.400	38.33	-17.67	68.2	-29.87	Peak	36.00	150	Vertical	Pass
2**	1522.400	29.68	-17.67	54.0	-24.32	AV	36.00	150	Vertical	Pass
3	5084.000	51.20	-3.16	68.2	-17.00	Peak	109.00	150	Vertical	Pass
3**	5084.000	42.83	-3.16	54.0	-11.17	AV	109.00	150	Vertical	Pass
4	5782.200	93.57	-3.09	--	--	Peak	137.00	150	Vertical	N/A
4**	5782.200	85.63	-3.09	--	--	AV	137.00	150	Vertical	N/A
5	7497.087	49.04	-1.85	68.2	-19.16	Peak	230.00	150	Vertical	Pass
5**	7497.087	39.25	-1.85	54.0	-14.75	AV	230.00	150	Vertical	Pass
6	11660.375	51.02	2.51	68.2	-17.18	Peak	173.00	150	Vertical	Pass
6**	11660.375	42.90	2.51	54.0	-11.10	AV	173.00	150	Vertical	Pass

11a, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 144 Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1126.000	37.28	-18.45	68.2	-30.92	Peak	312.00	150	Horizontal	Pass
1**	1126.000	28.07	-18.45	54.0	-25.93	AV	312.00	150	Horizontal	Pass
2	1576.500	38.04	-17.51	68.2	-30.16	Peak	280.00	150	Horizontal	Pass
2**	1576.500	29.03	-17.51	54.0	-24.97	AV	280.00	150	Horizontal	Pass
3	4222.400	49.51	-4.68	68.2	-18.69	Peak	352.00	150	Horizontal	Pass
3**	4222.400	39.19	-4.68	54.0	-14.81	AV	352.00	150	Horizontal	Pass
4	5721.600	108.68	-3.68	--	--	Peak	80.00	150	Horizontal	N/A
4**	5721.600	100.80	-3.68	--	--	AV	80.00	150	Horizontal	N/A
5	7308.487	48.94	-2.76	68.2	-19.26	Peak	105.00	150	Horizontal	Pass
5**	7308.487	38.57	-2.76	54.0	-15.43	AV	105.00	150	Horizontal	Pass
6	11685.100	51.01	2.42	68.2	-17.19	Peak	124.00	150	Horizontal	Pass
6**	11685.100	41.89	2.42	54.0	-12.11	AV	124.00	150	Horizontal	Pass

11a, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 144 Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1103.900	36.86	-18.47	68.2	-31.34	Peak	52.00	150	Vertical	Pass
1**	1103.900	28.28	-18.47	54.0	-25.72	AV	52.00	150	Vertical	Pass
2	1505.900	37.87	-17.82	68.2	-30.33	Peak	280.00	150	Vertical	Pass
2**	1505.900	28.69	-17.82	54.0	-25.31	AV	280.00	150	Vertical	Pass
3	5085.000	51.44	-3.13	68.2	-16.76	Peak	250.00	150	Vertical	Pass
3**	5085.000	41.89	-3.13	54.0	-12.11	AV	250.00	150	Vertical	Pass
4	5721.400	103.80	-3.68	--	--	Peak	129.00	150	Vertical	N/A
4**	5721.400	96.35	-3.68	--	--	AV	129.00	150	Vertical	N/A
5	7419.463	48.80	-2.03	68.2	-19.40	Peak	132.00	150	Vertical	Pass
5**	7419.463	39.13	-2.03	54.0	-14.87	AV	132.00	150	Vertical	Pass
6	11684.237	51.40	2.42	68.2	-16.80	Peak	123.00	150	Vertical	Pass
6**	11684.237	42.91	2.42	54.0	-11.09	AV	123.00	150	Vertical	Pass

11n20, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 144 Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1226.600	38.15	-17.98	68.2	-30.05	Peak	155.00	150	Horizontal	Pass
1**	1226.600	28.65	-17.98	54.0	-25.35	AV	155.00	150	Horizontal	Pass
2	1470.700	38.50	-17.68	68.2	-29.70	Peak	196.00	150	Horizontal	Pass
2**	1470.700	28.99	-17.68	54.0	-25.01	AV	196.00	150	Horizontal	Pass
3	4047.400	48.06	-5.42	68.2	-20.14	Peak	192.00	150	Horizontal	Pass
3**	4047.400	38.58	-5.42	54.0	-15.42	AV	192.00	150	Horizontal	Pass
4	5718.800	109.03	-3.75	--	--	Peak	72.00	150	Horizontal	N/A
4**	5718.800	101.48	-3.75	--	--	AV	72.00	150	Horizontal	N/A
5	7396.750	49.68	-1.65	68.2	-18.52	Peak	131.00	150	Horizontal	Pass
5**	7396.750	39.73	-1.65	54.0	-14.27	AV	131.00	150	Horizontal	Pass
6	11683.951	50.95	2.42	68.2	-17.25	Peak	177.00	150	Horizontal	Pass
6**	11683.951	42.12	2.42	54.0	-11.88	AV	177.00	150	Horizontal	Pass

11n20, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 144 Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.700	37.43	-18.41	68.2	-30.77	Peak	136.00	150	Vertical	Pass
1**	1162.700	28.66	-18.41	54.0	-25.34	AV	136.00	150	Vertical	Pass
2	1542.100	38.58	-17.72	68.2	-29.62	Peak	171.00	150	Vertical	Pass
2**	1542.100	28.58	-17.72	54.0	-25.42	AV	171.00	150	Vertical	Pass
3	4231.600	48.95	-5.02	68.2	-19.25	Peak	260.00	150	Vertical	Pass
3**	4231.600	39.32	-5.02	54.0	-14.68	AV	260.00	150	Vertical	Pass
4	5722.600	103.37	-3.66	--	--	Peak	126.00	150	Vertical	N/A
4**	5722.600	95.87	-3.66	--	--	AV	126.00	150	Vertical	N/A
5	7421.188	48.98	-2.06	68.2	-19.22	Peak	289.00	150	Vertical	Pass
5**	7421.188	39.96	-2.06	54.0	-14.04	AV	289.00	150	Vertical	Pass
6	11697.750	51.17	2.32	68.2	-17.03	Peak	252.00	150	Vertical	Pass
6**	11697.750	41.34	2.32	54.0	-12.66	AV	252.00	150	Vertical	Pass

11n40, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 142 Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1217.400	38.06	-18.01	68.2	-30.14	Peak	232.00	150	Horizontal	Pass
1**	1217.400	28.13	-18.01	54.0	-25.87	AV	232.00	150	Horizontal	Pass
2	1589.300	39.26	-17.70	68.2	-28.94	Peak	312.00	150	Horizontal	Pass
2**	1589.300	28.92	-17.70	54.0	-25.08	AV	312.00	150	Horizontal	Pass
3	5046.400	51.76	-2.91	68.2	-16.44	Peak	134.00	150	Horizontal	Pass
3**	5046.400	41.56	-2.91	54.0	-12.44	AV	134.00	150	Horizontal	Pass
4	5713.000	105.93	-3.77	--	--	Peak	80.00	150	Horizontal	N/A
4**	5713.000	98.03	-3.77	--	--	AV	80.00	150	Horizontal	N/A
5	7488.175	48.92	-1.85	68.2	-19.28	Peak	216.00	150	Horizontal	Pass
5**	7488.175	39.39	-1.85	54.0	-14.61	AV	216.00	150	Horizontal	Pass
6	11681.362	51.87	2.43	68.2	-16.33	Peak	169.00	150	Horizontal	Pass
6**	11681.362	42.37	2.43	54.0	-11.63	AV	169.00	150	Horizontal	Pass

11n40, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 142 Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1096.700	37.06	-18.59	68.2	-31.14	Peak	88.00	150	Vertical	Pass
1**	1096.700	28.62	-18.59	54.0	-25.38	AV	88.00	150	Vertical	Pass
2	1570.300	38.63	-17.60	68.2	-29.57	Peak	156.00	150	Vertical	Pass
2**	1570.300	28.85	-17.60	54.0	-25.15	AV	156.00	150	Vertical	Pass
3	4790.600	49.87	-3.68	68.2	-18.33	Peak	189.00	150	Vertical	Pass
3**	4790.600	40.35	-3.68	54.0	-13.65	AV	189.00	150	Vertical	Pass
4	5712.600	100.52	-3.77	--	--	Peak	134.00	150	Vertical	N/A
4**	5712.600	92.63	-3.77	--	--	AV	134.00	150	Vertical	N/A
5	7394.163	50.18	-1.62	68.2	-18.02	Peak	245.00	150	Vertical	Pass
5**	7394.163	39.83	-1.62	54.0	-14.17	AV	245.00	150	Vertical	Pass
6	11688.838	51.56	2.39	68.2	-16.64	Peak	78.00	150	Vertical	Pass
6**	11688.838	42.66	2.39	54.0	-11.34	AV	78.00	150	Vertical	Pass

11ac20, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 144 Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.500	37.39	-18.38	68.2	-30.81	Peak	281.00	150	Horizontal	Pass
1**	1164.500	27.84	-18.38	54.0	-26.16	AV	281.00	150	Horizontal	Pass
2	1567.100	38.71	-17.60	68.2	-29.49	Peak	179.00	150	Horizontal	Pass
2**	1567.100	29.45	-17.60	54.0	-24.55	AV	179.00	150	Horizontal	Pass
3	3738.600	47.44	-6.63	68.2	-20.76	Peak	247.00	150	Horizontal	Pass
3**	3738.600	36.99	-6.63	54.0	-17.01	AV	247.00	150	Horizontal	Pass
4	5718.800	109.00	-3.75	--	--	Peak	82.00	150	Horizontal	N/A
4**	5718.800	100.98	-3.75	--	--	AV	82.00	150	Horizontal	N/A
5	7420.038	48.83	-2.03	68.2	-19.37	Peak	281.00	150	Horizontal	Pass
5**	7420.038	39.48	-2.03	54.0	-14.52	AV	281.00	150	Horizontal	Pass
6	11652.612	51.57	2.55	68.2	-16.63	Peak	181.00	150	Horizontal	Pass
6**	11652.612	43.02	2.55	54.0	-10.98	AV	181.00	150	Horizontal	Pass

11a20, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 144 Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1036.000	37.12	-18.51	68.2	-31.08	Peak	154.00	150	Vertical	Pass
1**	1036.000	27.59	-18.51	54.0	-26.41	AV	154.00	150	Vertical	Pass
2	1472.600	39.05	-17.66	68.2	-29.15	Peak	232.00	150	Vertical	Pass
2**	1472.600	29.65	-17.66	54.0	-24.35	AV	232.00	150	Vertical	Pass
3	4266.600	50.29	-4.81	68.2	-17.91	Peak	15.00	150	Vertical	Pass
3**	4266.600	39.39	-4.81	54.0	-14.61	AV	15.00	150	Vertical	Pass
4	5718.200	103.26	-3.77	--	--	Peak	137.00	150	Vertical	N/A
4**	5718.200	95.92	-3.77	--	--	AV	137.00	150	Vertical	N/A
5	7543.088	48.54	-1.63	68.2	-19.66	Peak	282.00	150	Vertical	Pass
5**	7543.088	39.38	-1.63	54.0	-14.62	AV	282.00	150	Vertical	Pass
6	11677.050	50.82	2.45	68.2	-17.38	Peak	189.00	150	Vertical	Pass
6**	11677.050	42.42	2.45	54.0	-11.58	AV	189.00	150	Vertical	Pass

11ac40, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 142 Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1084.800	37.55	-18.69	68.2	-30.65	Peak	103.00	150	Horizontal	Pass
1**	1084.800	27.35	-18.69	54.0	-26.65	AV	103.00	150	Horizontal	Pass
2	1553.700	39.12	-17.72	68.2	-29.08	Peak	162.00	150	Horizontal	Pass
2**	1553.700	29.26	-17.72	54.0	-24.74	AV	162.00	150	Horizontal	Pass
3	4948.600	51.08	-3.90	68.2	-17.12	Peak	129.00	150	Horizontal	Pass
3**	4948.600	41.29	-3.90	54.0	-12.71	AV	129.00	150	Horizontal	Pass
4	5712.000	105.72	-3.77	--	--	Peak	73.00	150	Horizontal	N/A
4**	5712.000	98.08	-3.77	--	--	AV	73.00	150	Horizontal	N/A
5	7382.375	49.34	-1.72	68.2	-18.86	Peak	348.00	150	Horizontal	Pass
5**	7382.375	39.66	-1.72	54.0	-14.34	AV	348.00	150	Horizontal	Pass
6	11657.500	51.19	2.53	68.2	-17.01	Peak	51.00	150	Horizontal	Pass
6**	11657.500	42.92	2.53	54.0	-11.08	AV	51.00	150	Horizontal	Pass

11ac40, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 142 Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1171.800	39.94	-18.48	68.2	-28.26	Peak	356.00	150	Vertical	Pass
1**	1171.800	27.91	-18.48	54.0	-26.09	AV	356.00	150	Vertical	Pass
2	1460.200	39.01	-17.69	68.2	-29.19	Peak	103.00	150	Vertical	Pass
2**	1460.200	29.59	-17.69	54.0	-24.41	AV	103.00	150	Vertical	Pass
3	5020.000	50.99	-3.30	68.2	-17.21	Peak	33.00	150	Vertical	Pass
3**	5020.000	41.22	-3.30	54.0	-12.78	AV	33.00	150	Vertical	Pass
4	5708.000	100.05	-3.80	--	--	Peak	134.00	150	Vertical	N/A
4**	5708.000	92.45	-3.80	--	--	AV	134.00	150	Vertical	N/A
5	7553.725	48.74	-1.56	68.2	-19.46	Peak	360.00	150	Vertical	Pass
5**	7553.725	40.57	-1.56	54.0	-13.43	AV	360.00	150	Vertical	Pass
6	11668.138	51.17	2.48	68.2	-17.03	Peak	302.00	150	Vertical	Pass
6**	11668.138	42.61	2.48	54.0	-11.39	AV	302.00	150	Vertical	Pass

11ac80, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 138 Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1095.100	36.75	-18.57	68.2	-31.45	Peak	155.00	150	Horizontal	Pass
1**	1095.100	27.10	-18.57	54.0	-26.90	AV	155.00	150	Horizontal	Pass
2	1532.700	38.57	-17.77	68.2	-29.63	Peak	341.00	150	Horizontal	Pass
2**	1532.700	29.27	-17.77	54.0	-24.73	AV	341.00	150	Horizontal	Pass
3	4226.200	48.96	-4.86	68.2	-19.24	Peak	167.00	150	Horizontal	Pass
3**	4226.200	39.54	-4.86	54.0	-14.46	AV	167.00	150	Horizontal	Pass
4	5694.000	102.65	-3.92	--	--	Peak	79.00	150	Horizontal	N/A
4**	5694.000	94.53	-3.92	--	--	AV	79.00	150	Horizontal	N/A
5	7494.788	48.87	-1.85	68.2	-19.33	Peak	98.00	150	Horizontal	Pass
5**	7494.788	39.19	-1.85	54.0	-14.81	AV	98.00	150	Horizontal	Pass
6	12184.200	50.96	2.34	68.2	-17.24	Peak	192.00	150	Horizontal	Pass
6**	12184.200	40.89	2.34	54.0	-13.11	AV	192.00	150	Horizontal	Pass

11ac80, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 138 Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1175.000	37.74	-18.48	68.2	-30.46	Peak	18.00	150	Vertical	Pass
1**	1175.000	28.26	-18.48	54.0	-25.74	AV	18.00	150	Vertical	Pass
2	1455.500	38.75	-17.62	68.2	-29.45	Peak	111.00	150	Vertical	Pass
2**	1455.500	30.00	-17.62	54.0	-24.00	AV	111.00	150	Vertical	Pass
3	4301.600	49.14	-4.89	68.2	-19.06	Peak	10.00	150	Vertical	Pass
3**	4301.600	40.10	-4.89	54.0	-13.90	AV	10.00	150	Vertical	Pass
4	5699.600	97.80	-3.93	--	--	Peak	133.00	150	Vertical	N/A
4**	5699.600	89.89	-3.93	--	--	AV	133.00	150	Vertical	N/A
5	7494.500	48.55	-1.85	68.2	-19.65	Peak	154.00	150	Vertical	Pass
5**	7494.500	39.25	-1.85	54.0	-14.75	AV	154.00	150	Vertical	Pass
6	11643.700	50.58	2.49	68.2	-17.62	Peak	350.00	150	Vertical	Pass
6**	11643.700	42.04	2.49	54.0	-11.96	AV	350.00	150	Vertical	Pass

A.6.2 Band Edge (Restricted-band)

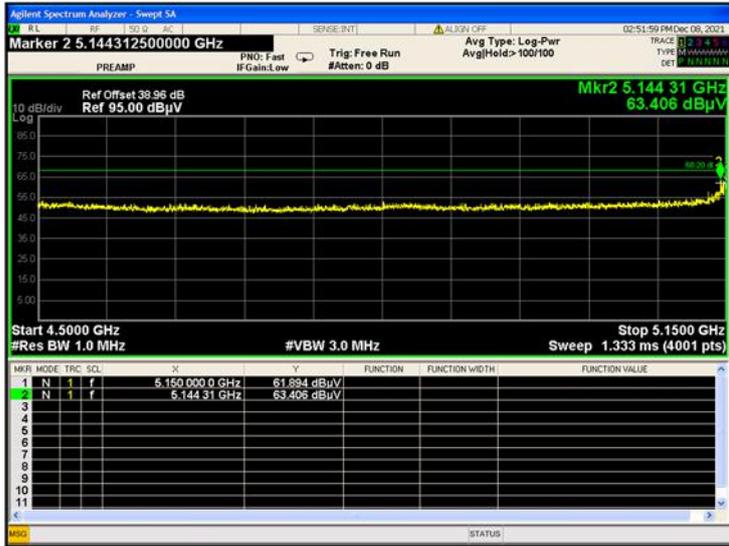
Test Band	Mode	Channel	Verdict
U-NII-1	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
802.11ac(VHT40)	Low	Pass	
	High	Pass	
802.11ac(VHT80)	Low	Pass	
	Middle	Pass	
U-NII-2A	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
802.11ac(VHT40)	Low	Pass	
	High	Pass	
802.11ac(VHT80)	Low	Pass	
	Middle	Pass	
U-NII-2C	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
802.11ac(VHT40)	Low	Pass	
	High	Pass	
802.11ac(VHT80)	Low	Pass	
	High	Pass	
U-NII-3	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
802.11ac(VHT40)	Low	Pass	
	High	Pass	

	802.11ac(VHT80)	Middle	Pass
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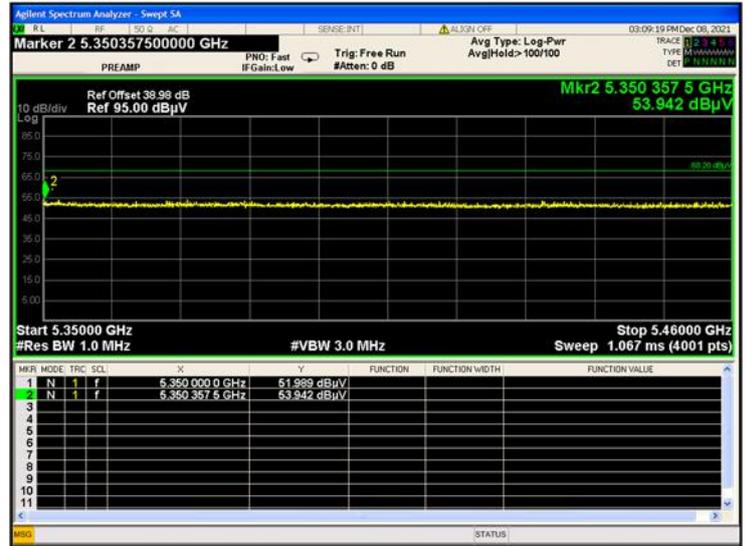
Test Band	Mode	Channel	Verdict
U-NII-2C & U-NII-3	802.11a	144	Pass
	802.11n(HT20)	144	Pass
	802.11n(HT40)	142	Pass
	802.11ac(VHT20)	144	Pass
	802.11ac(VHT40)	142	Pass
	802.11ac(VHT80)	138	Pass

Test Plots

U-NII-1 11a CH36 Peak



U-NII-1 11a CH48 Peak



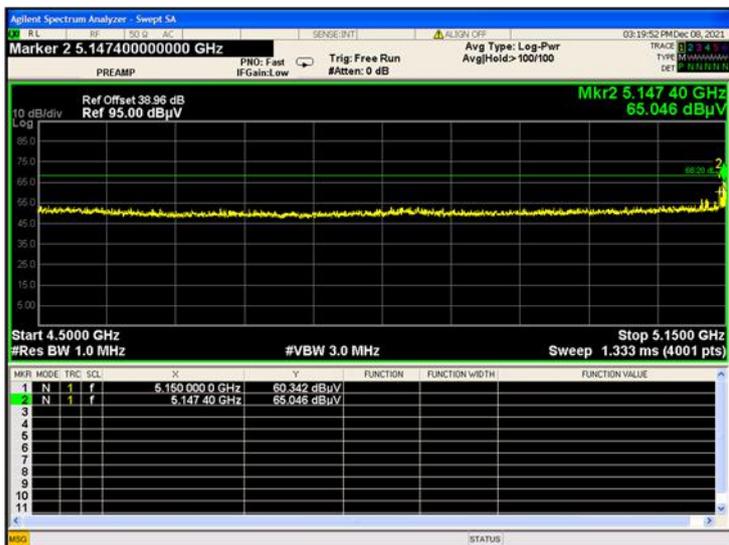
U-NII-1 11a CH36 AV



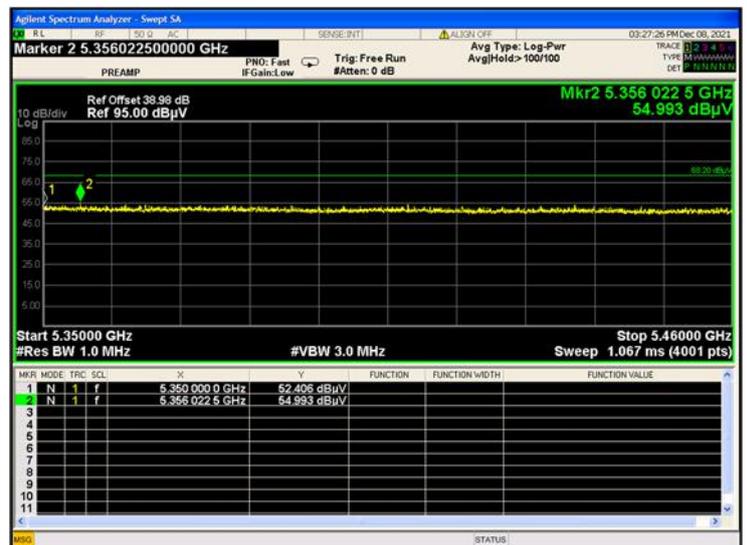
U-NII-1 11a CH36 AV



U-NII-1 11n20 CH36 Peak



U-NII-1 11n20 CH48 Peak



U-NII-1 11n20 CH36 AV

U-NII-1 11n20 CH36 AV

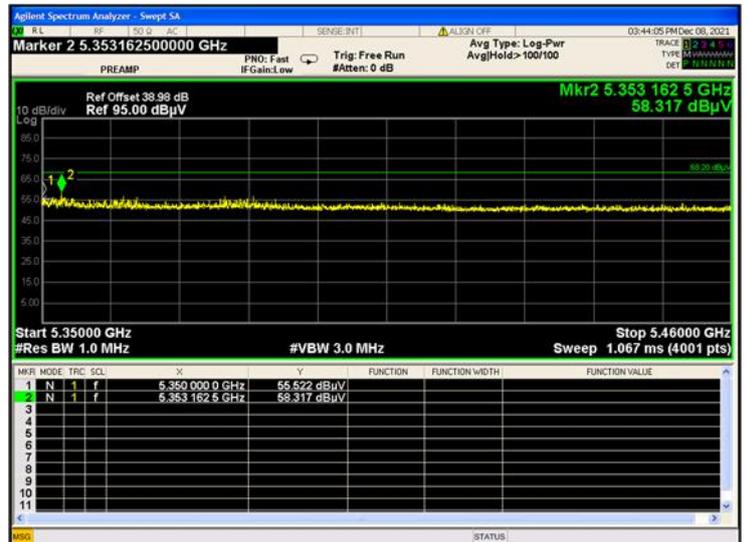
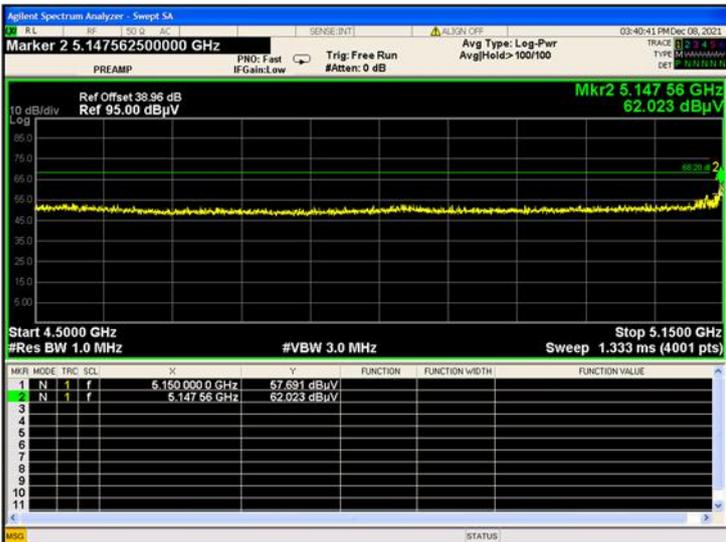


U-NII-1 11n20 CH48 AV



U-NII-1 11n40 CH38 Peak

U-NII-1 11n40 CH46 Peak



U-NII-1 11n40 CH38 AV



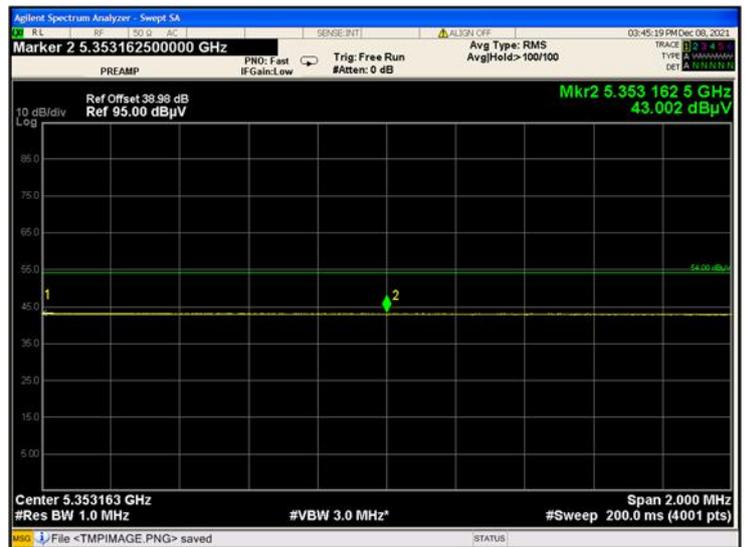
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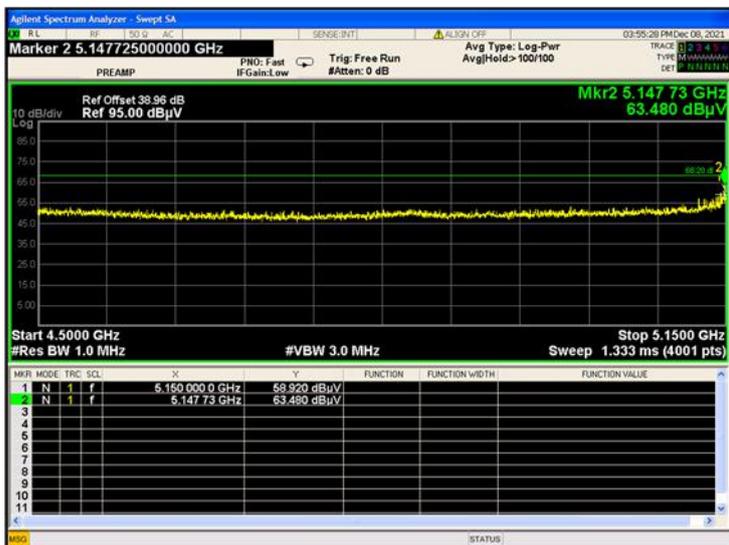
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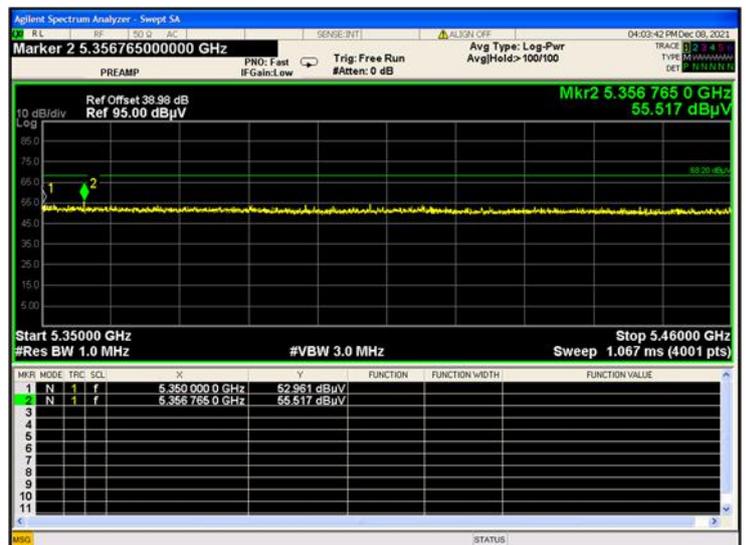
U-NII-1 11n40 CH46 AV



U-NII-1 11ac20 CH36 Peak



U-NII-1 11ac20 CH48 Peak



U-NII-1 11ac20 CH36 AV



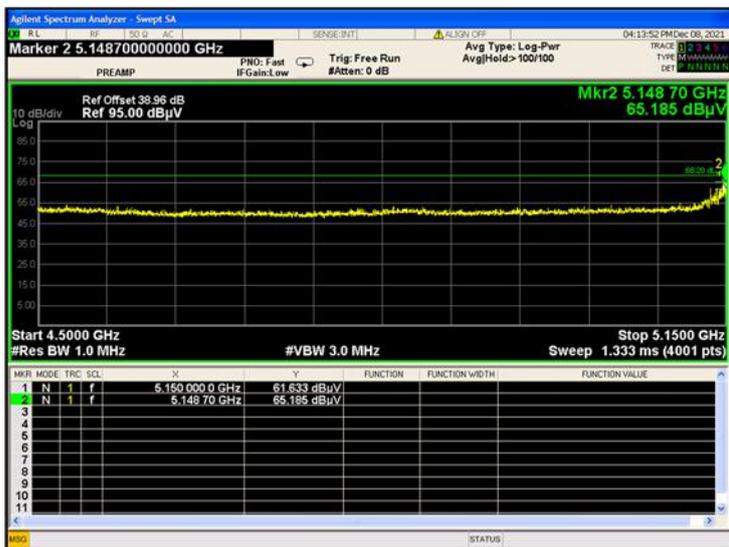
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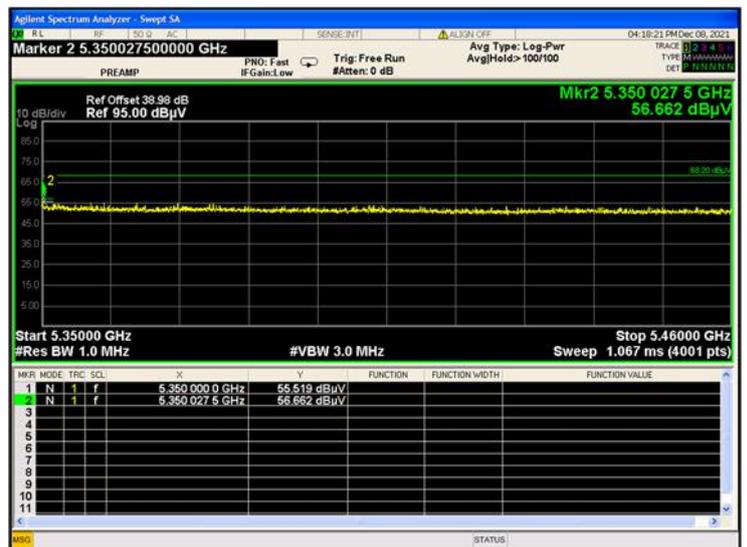
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U-NII-1 11ac40 CH38 Peak

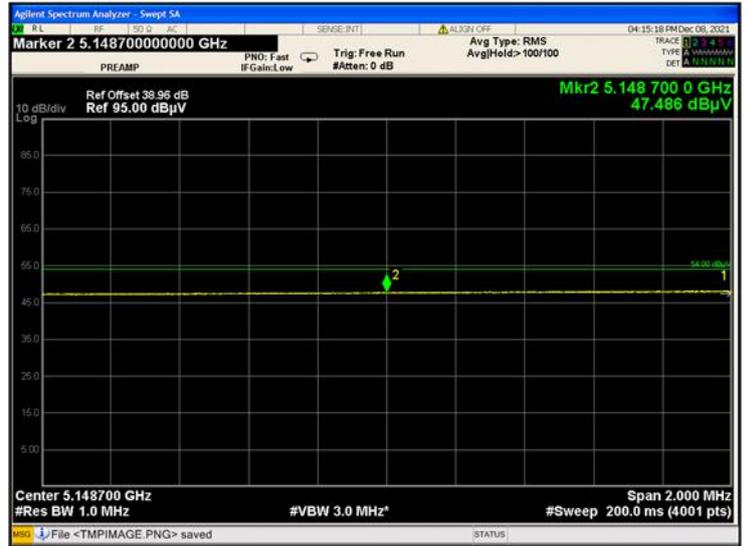


U-NII-1 11ac40 CH46 Peak



U-NII-1 11ac40 CH38 AV

U-NII-1 11ac40 CH38 AV



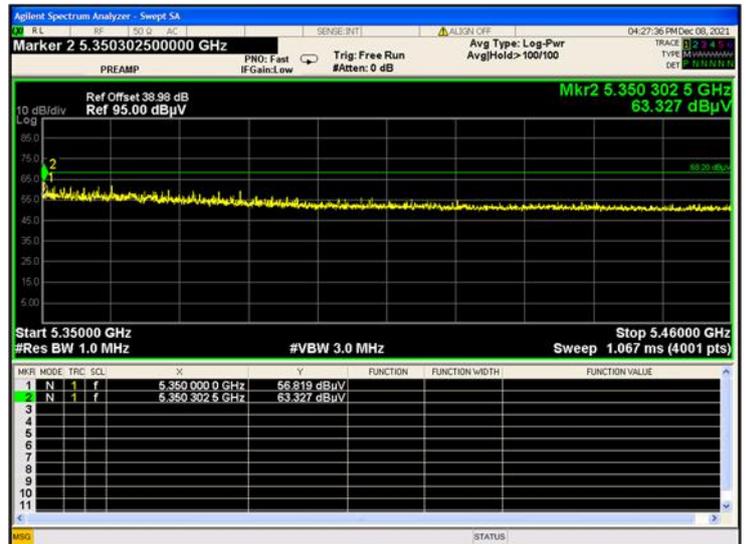
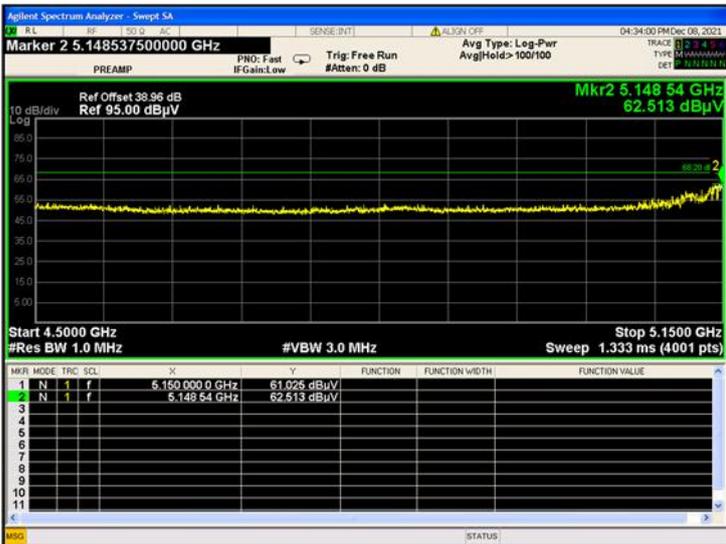
U-NII-1 11ac40 CH46 AV

U-NII-1 11ac40 CH46 AV



U-NII-1 11ac80 CH42 Peak

U-NII-1 11ac80 CH42 Peak



U-NII-1 11ac80 CH42 AV



U-NII-1 11ac80 CH42 AV



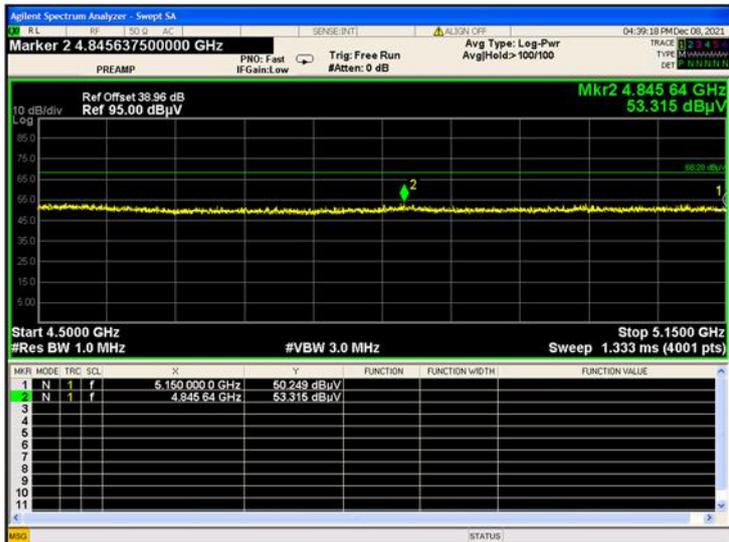
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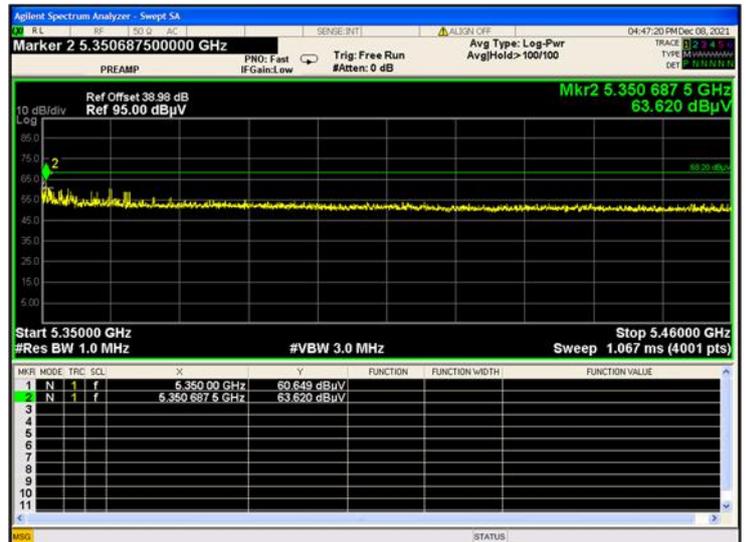
U-NII-1 11ac80 CH42 AV



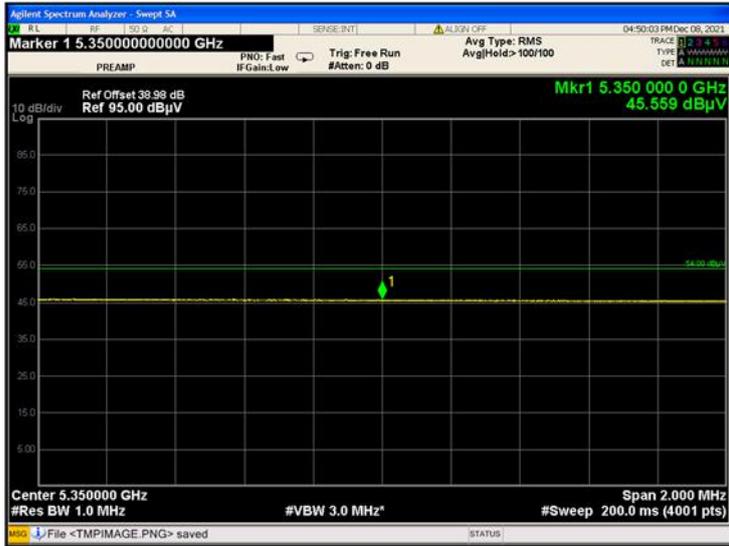
U-NII-2A 11a CH52 Peak



U-NII-2A 11a CH64 Peak



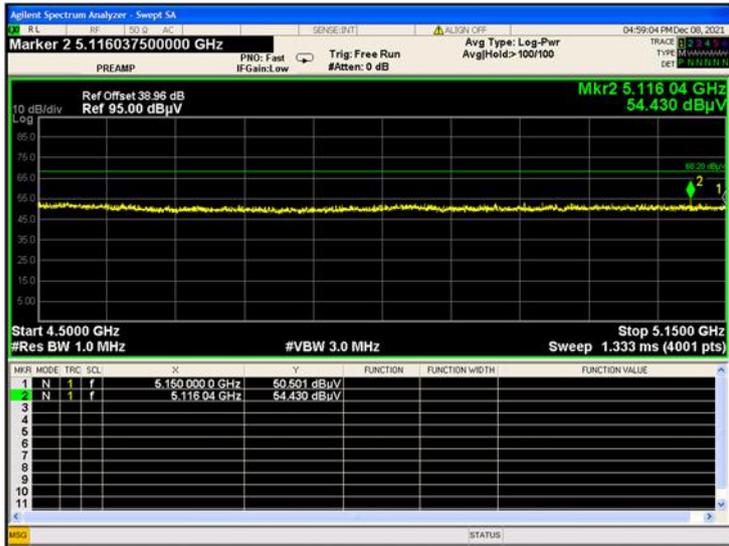
U-NII-2A 11a CH64 AV



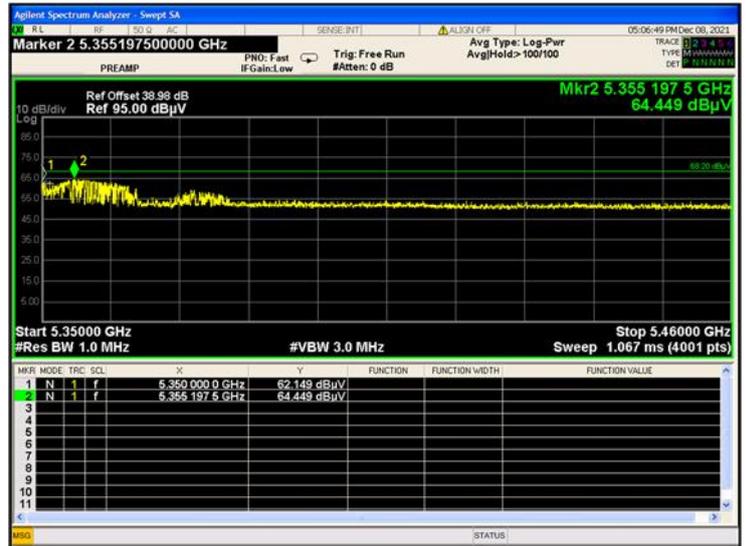
U-NII-2A 11a CH64 AV



U-NII-2A 11n20 CH52 Peak



U-NII-2A 11n20 CH64 Peak



U-NII-2A 11n20 CH52 AV



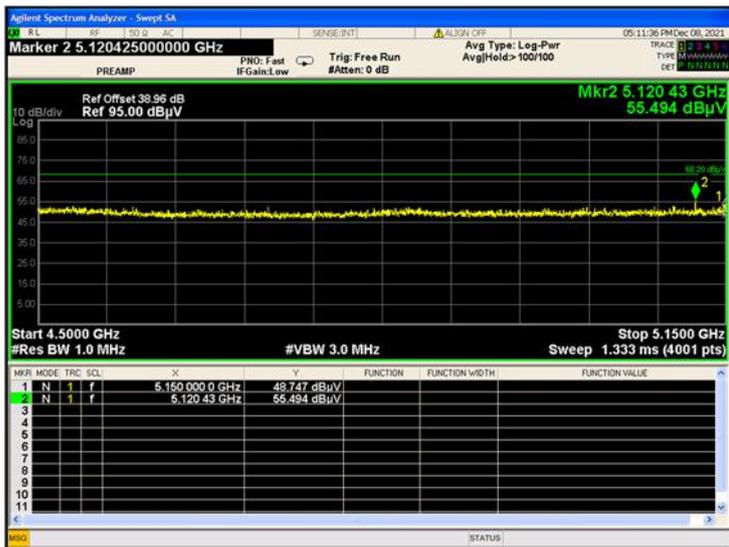
U-NII-2A 11n20 CH64 AV



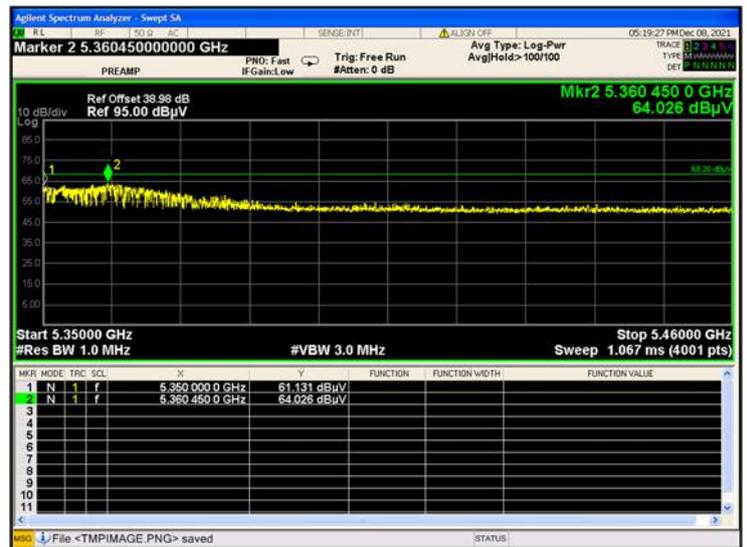
U-NII-2A 11n20 CH64 AV



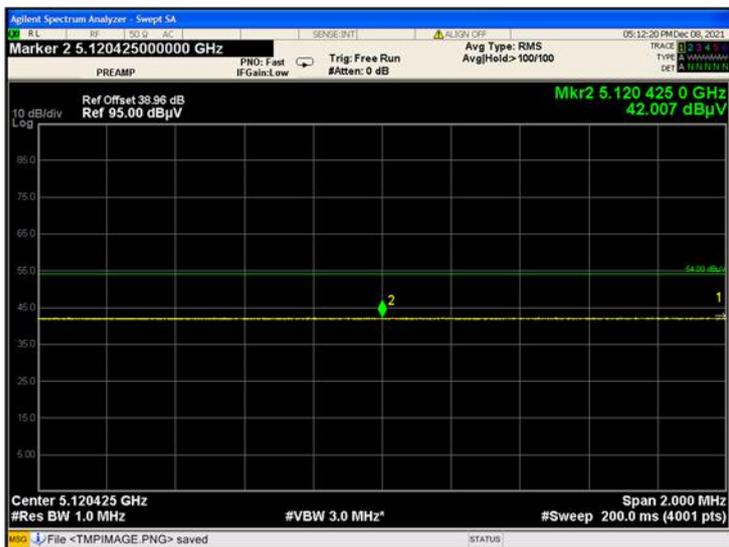
U-NII-2A 11n40 CH54 Peak



U-NII-2A 11n40 CH62 Peak



U-NII-2A 11n40 CH54 AV



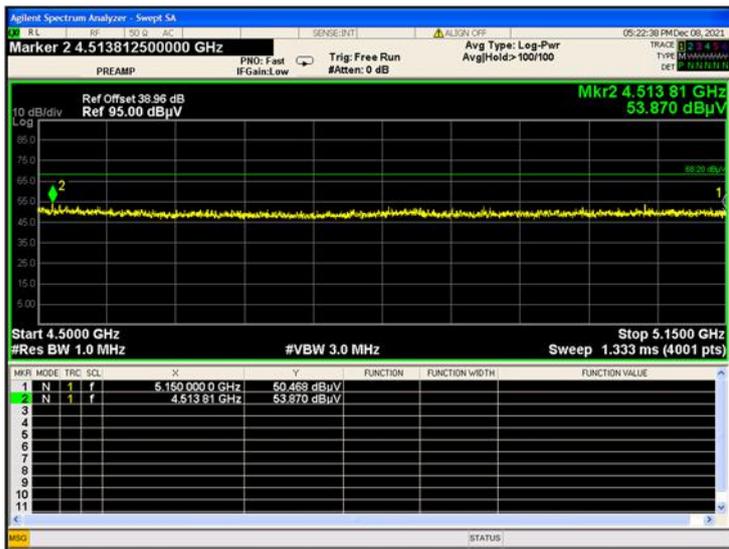
U-NII-2A 11n40 CH62 AV



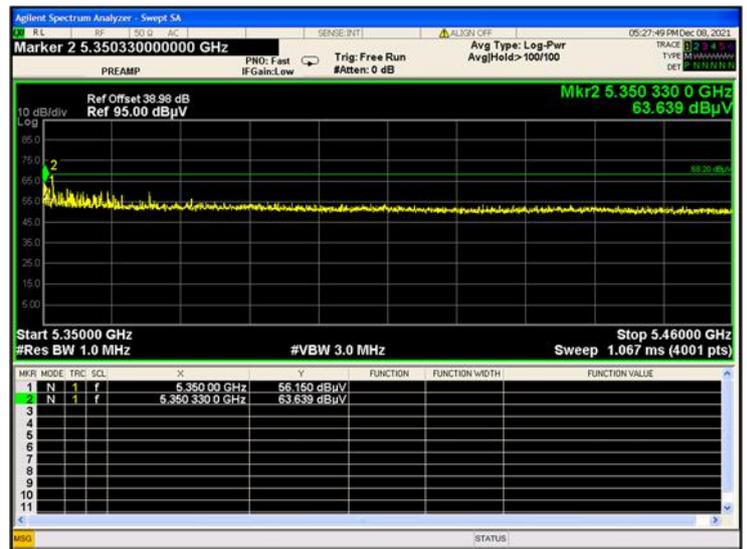
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U-NII-2A 11ac20 CH52 Peak



U-NII-2A 11ac20 CH64 Peak



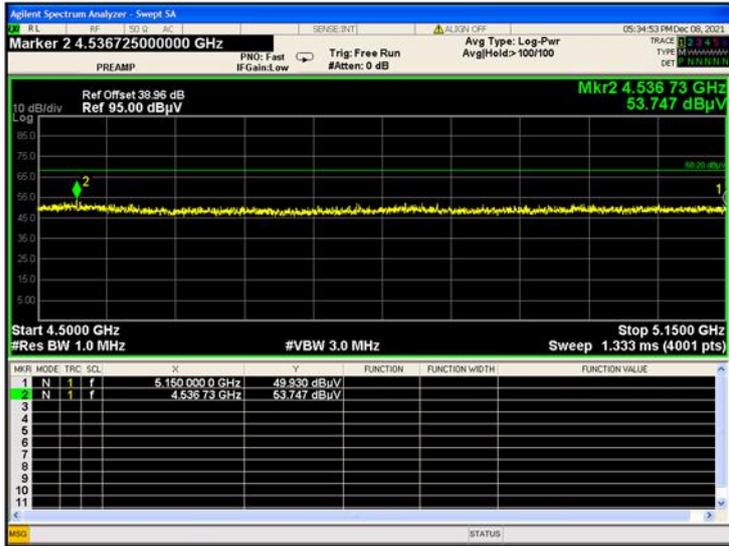
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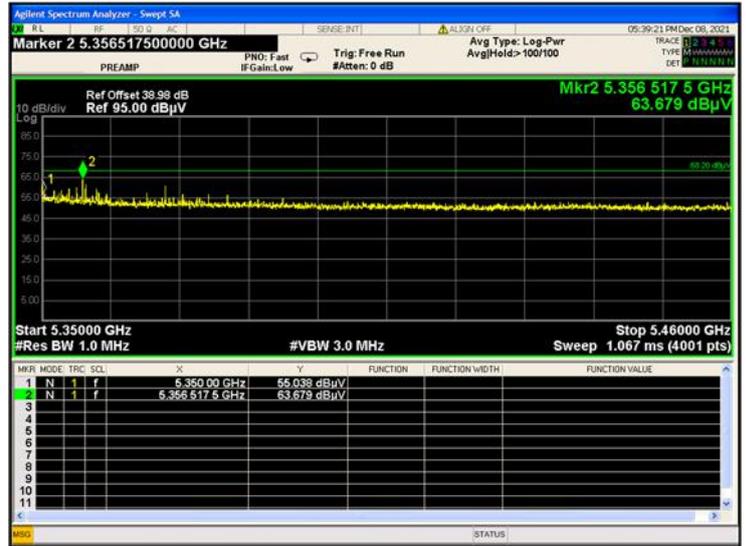
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U-NII-2A 11ac40 CH54 Peak



U-NII-2A 11ac40 CH62 Peak



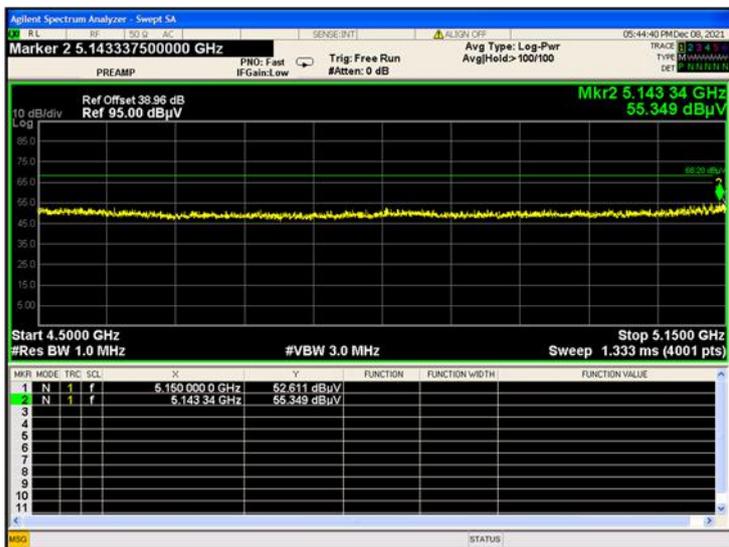
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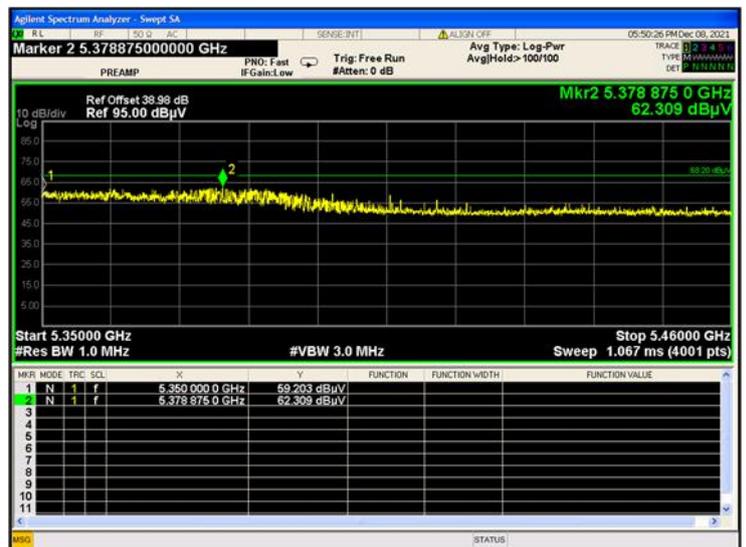
U-NII-2A 11ac40 CH62 AV



U-NII-2A 11ac80 CH58 Peak



U-NII-2A 11ac80 CH58 Peak



U-NII-2A 11ac80 CH58 AV

U-NII-2A 11ac80 CH58 AV

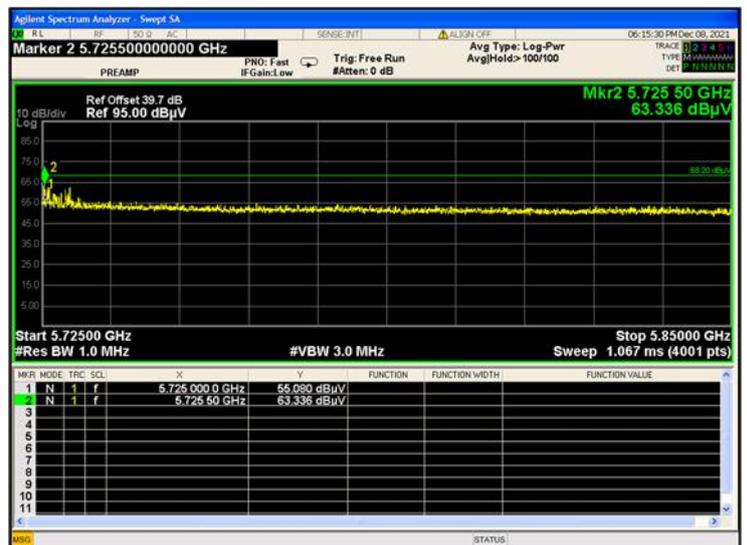


U-NII-2A 11ac80 CH58 AV



U-NII-2C 11a CH100 Peak

U-NII-2C 11a CH140 Peak



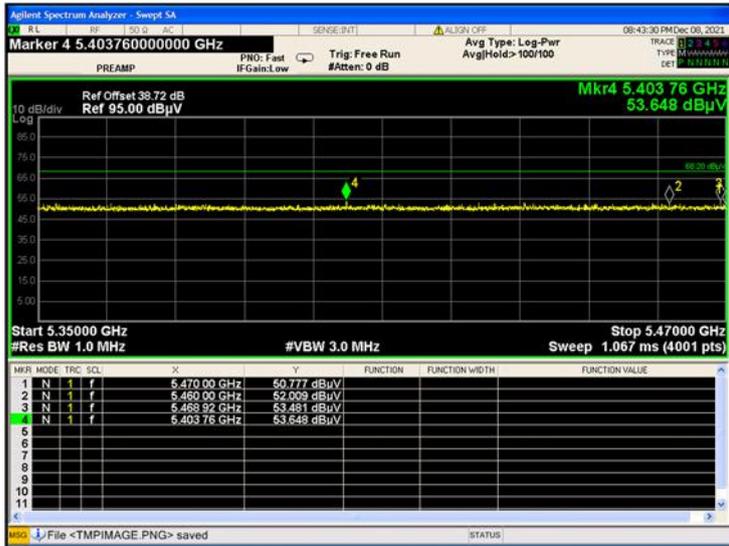
U-NII-2C 11a CH100 AV



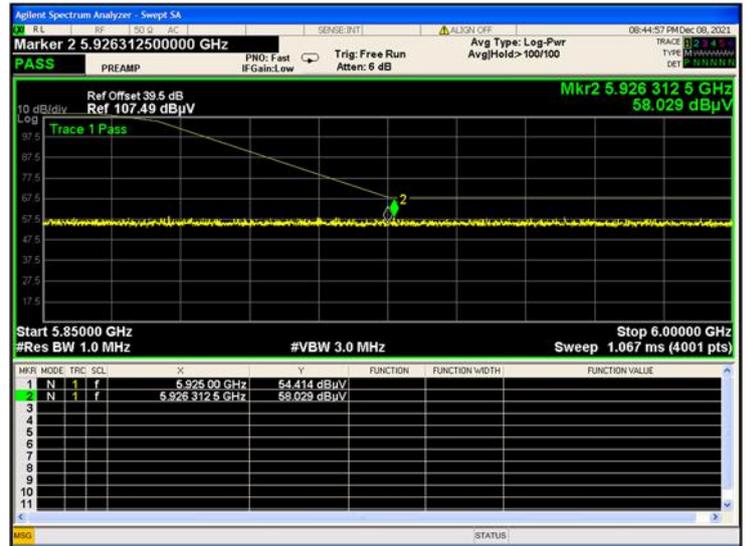
U-NII-2C 11a CH100 AV



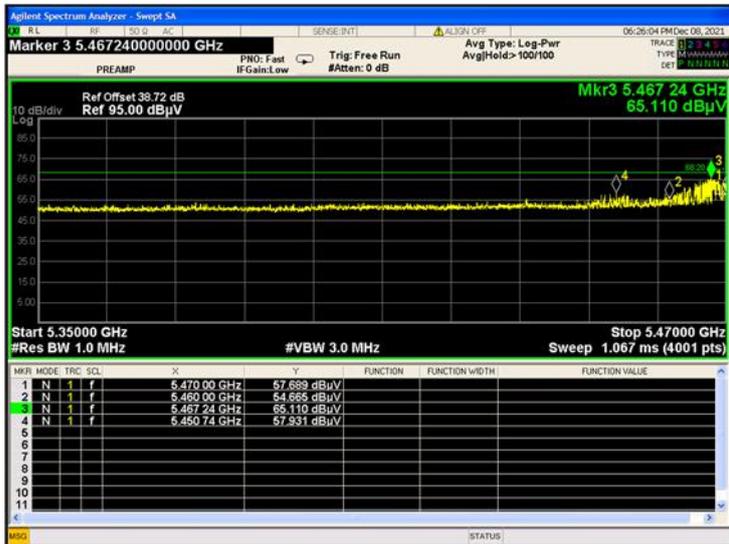
U-NII-2C 11a CH144 Peak



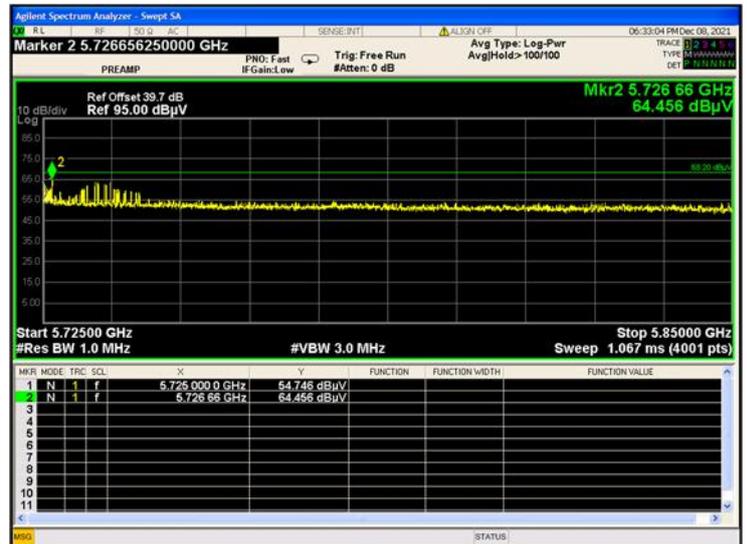
U-NII-2C 11a CH144 Peak



U-NII-2C 11n20 CH100 Peak



U-NII-2C 11n20 CH140 Peak



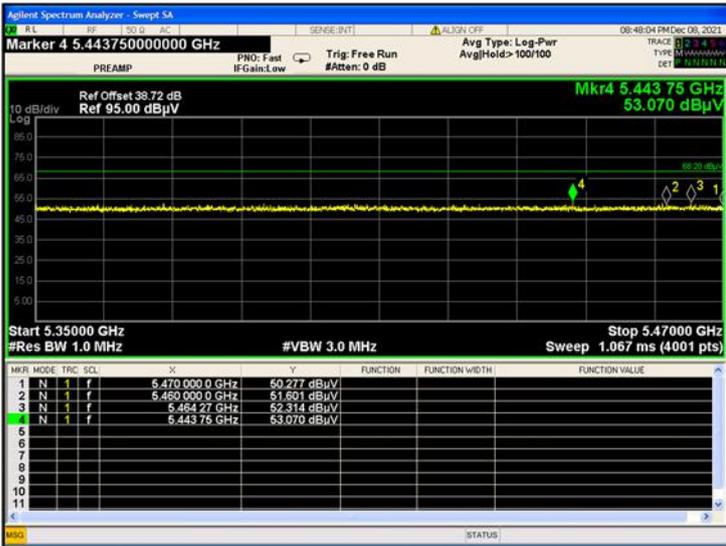
U-NII-2C 11n20 CH100 AV



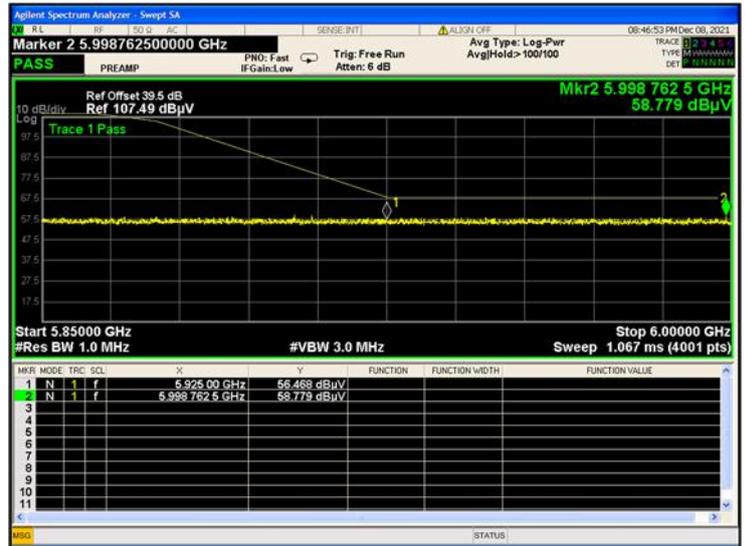
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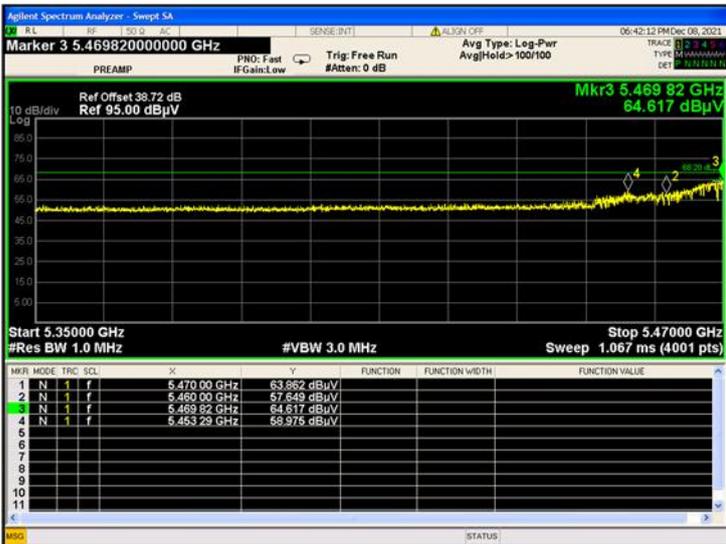
U-NII-2C 11n20 CH144 Peak



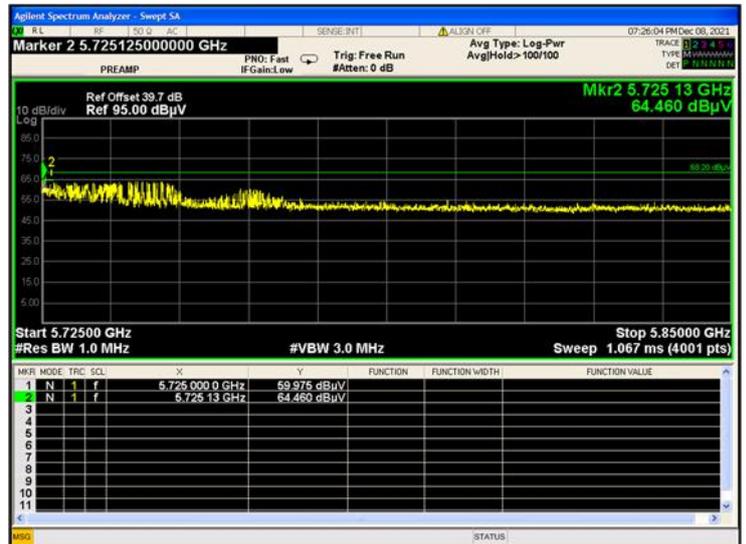
U-NII-2C 11n20 CH144 Peak



U-NII-2C 11n40 CH102 Peak



U-NII-2C 11n40 CH134 Peak



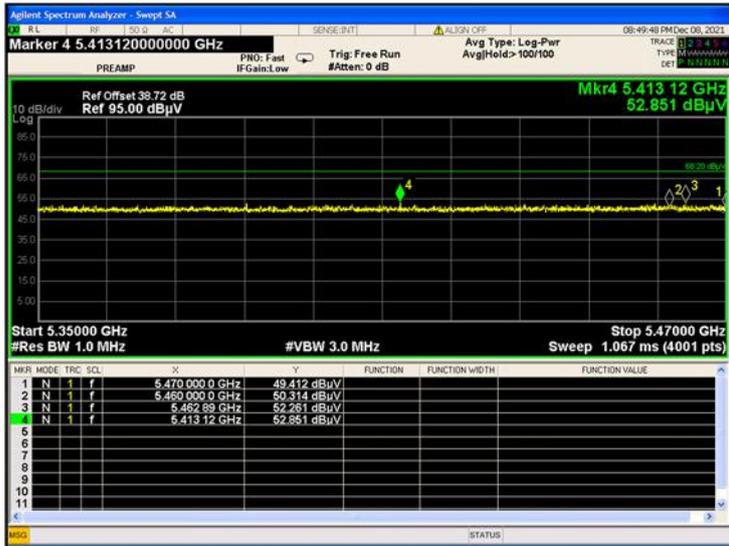
U-NII-2C 11n40 CH102 AV



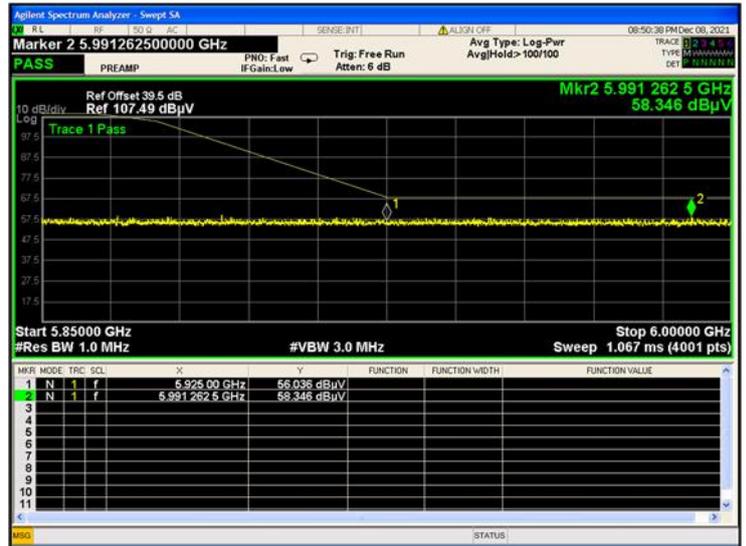
U-NII-2C 11n40 CH102 AV



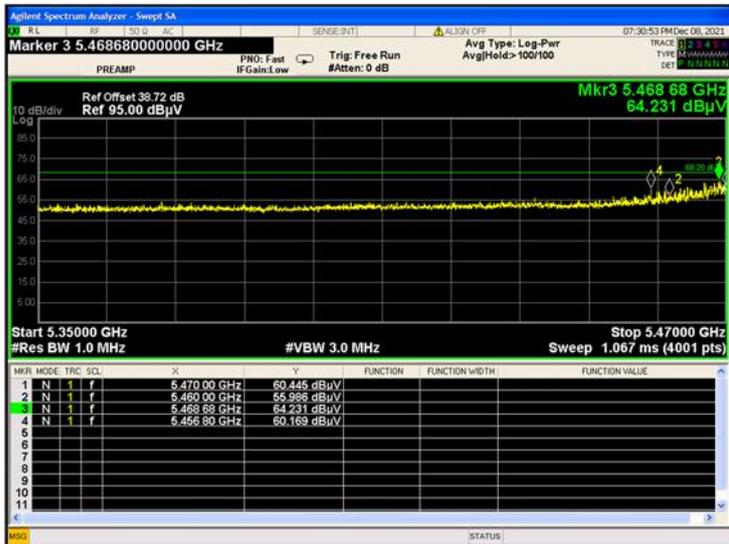
U-NII-2C 11n40 CH142 Peak



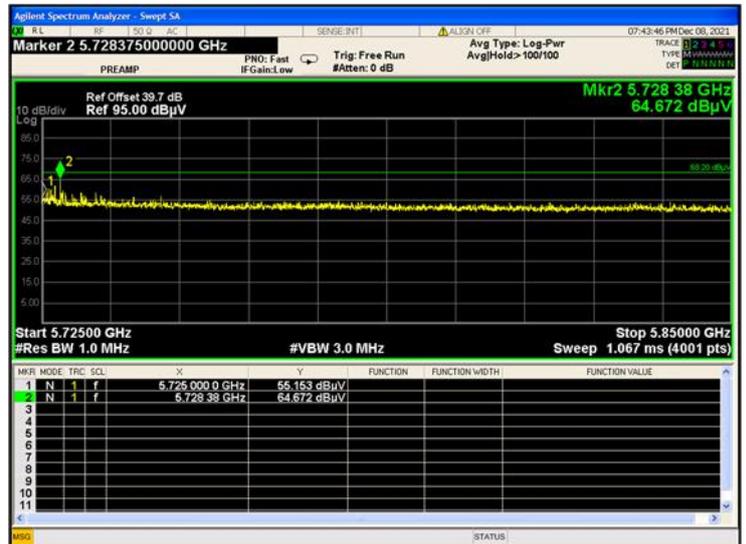
U-NII-2C 11n40 CH142 Peak



U-NII-2C 11ac20 CH100 Peak



U-NII-2C 11ac20 CH140 Peak



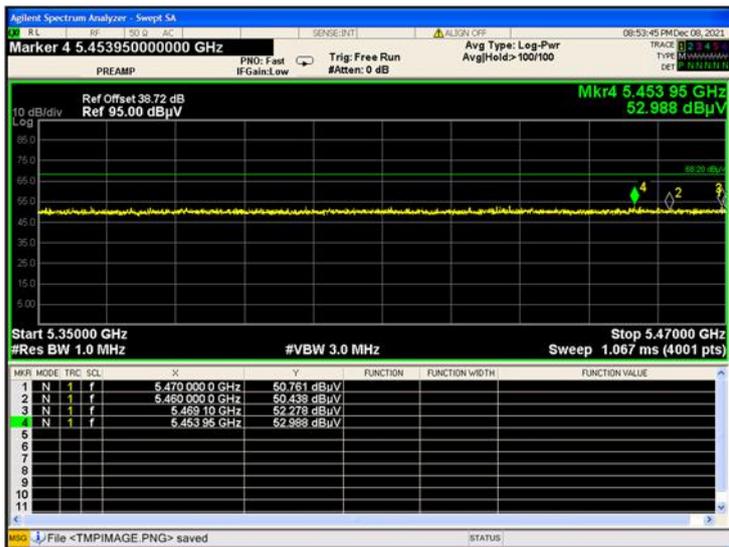
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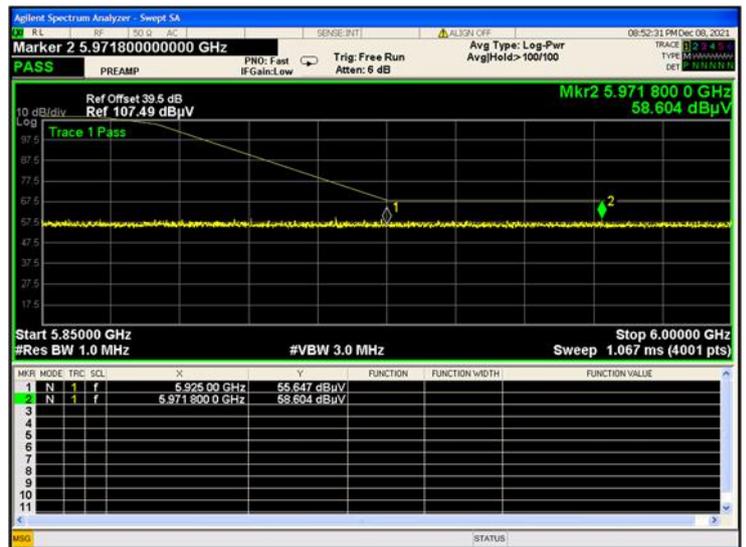
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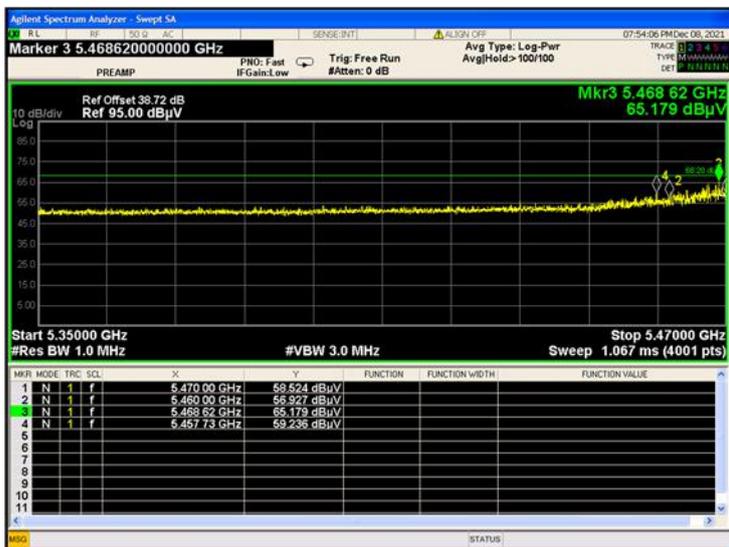
U-NII-2C 11ac20 CH144 Peak



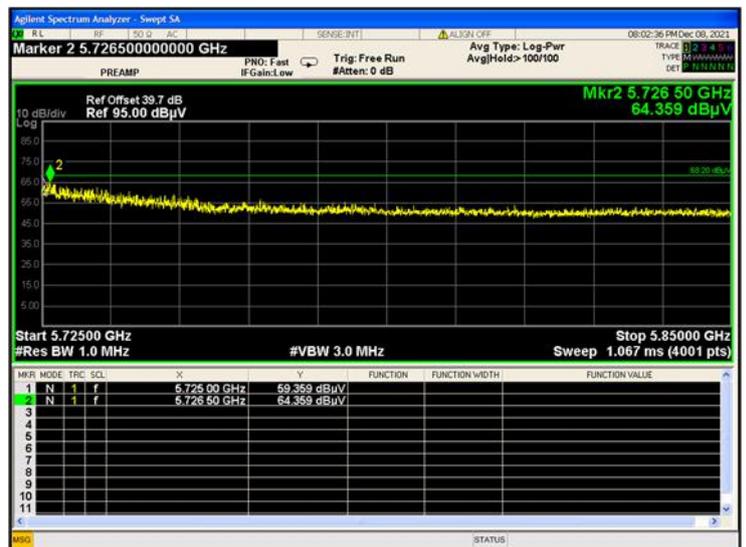
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U-NII-2C 11ac40 CH102 Peak



U-NII-2C 11ac40 CH134 Peak



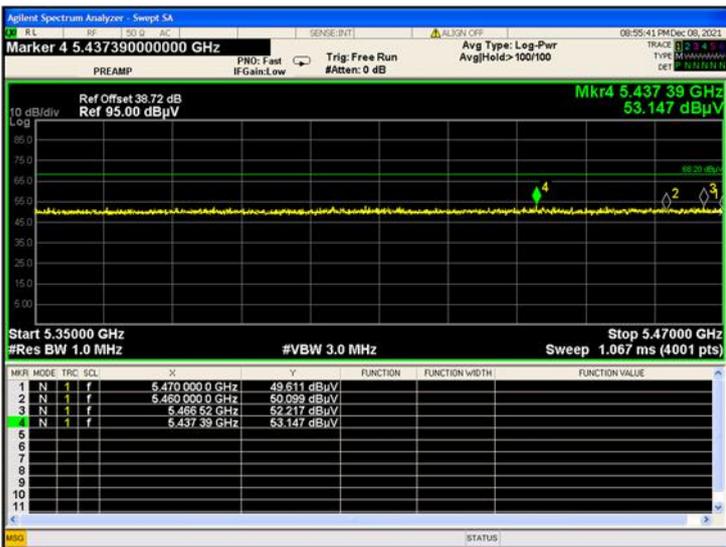
U-NII-2C 11ac40 CH102 AV



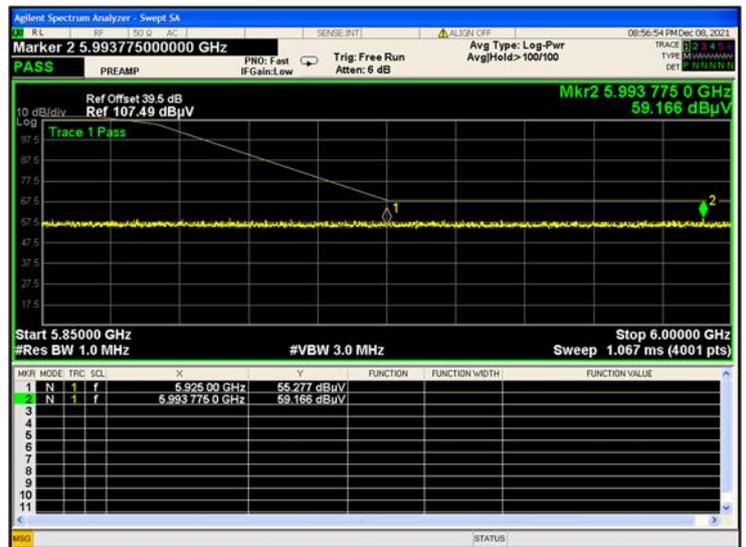
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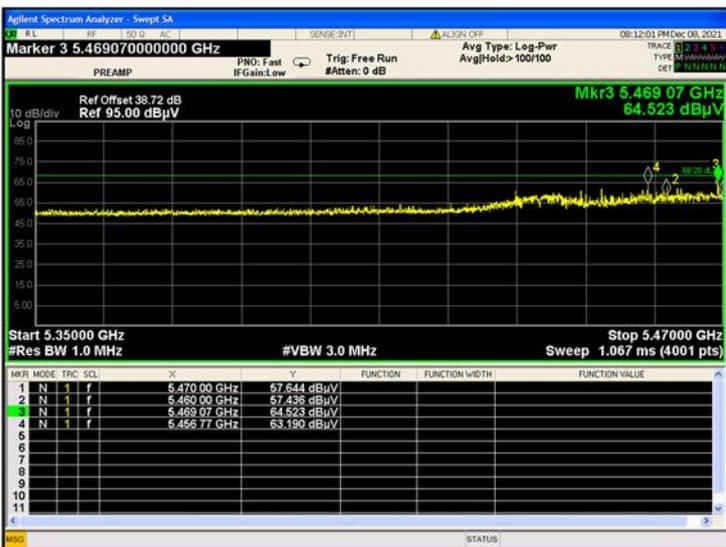
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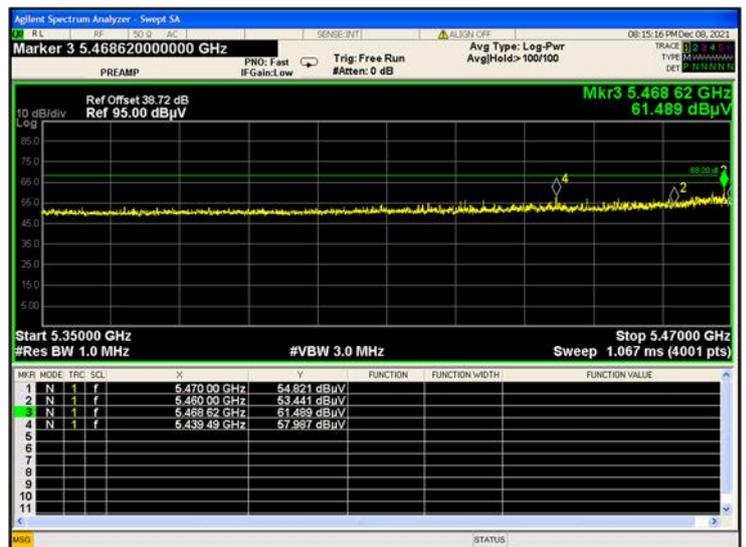
U-NII-2C 11ac40 CH142 Peak



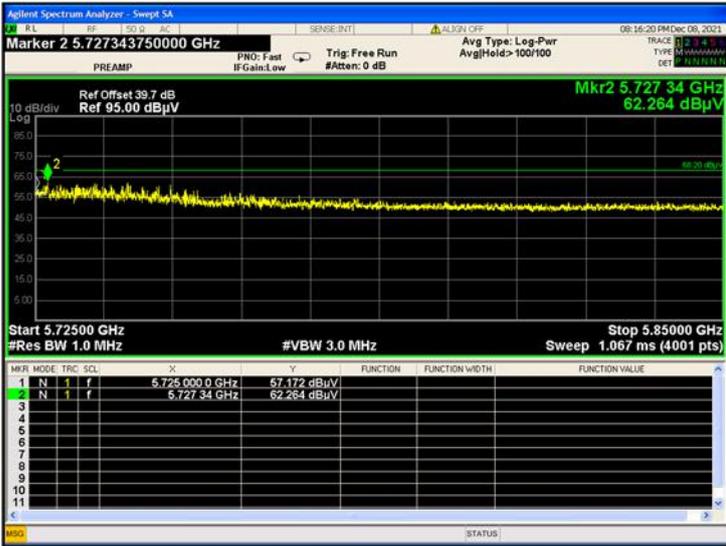
U-NII-2C 11ac80 CH106 Peak



U-NII-2C 11ac80 CH122 Peak



U-NII-2C 11ac80 CH122 Peak



U-NII-2C 11ac80 CH106 AV



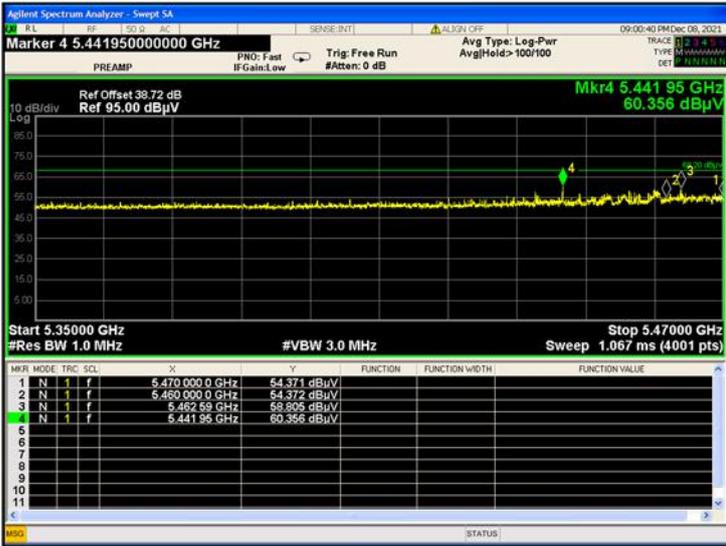
U-NII-2C 11ac80 CH106 AV



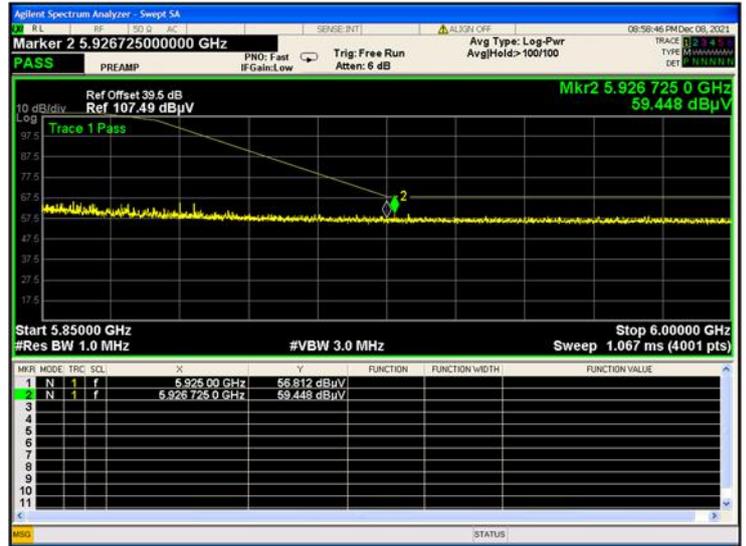
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U-NII-2C 11ac80 CH138 Peak



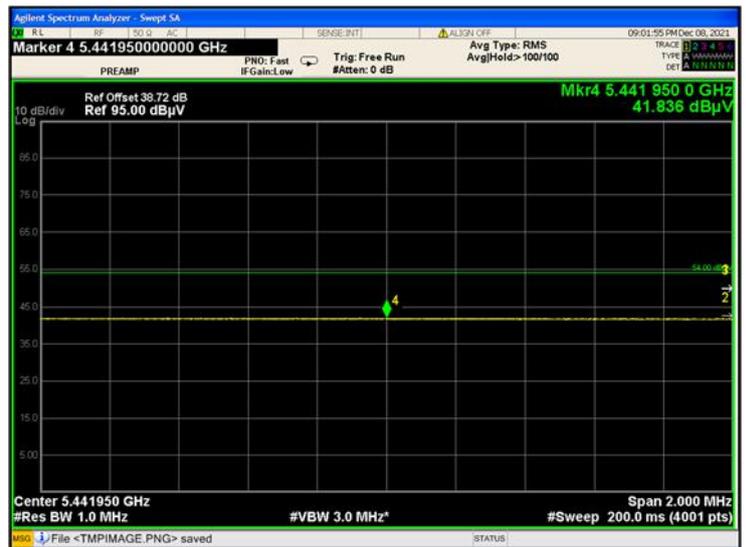
U-NII-2C 11ac80 CH138 Peak



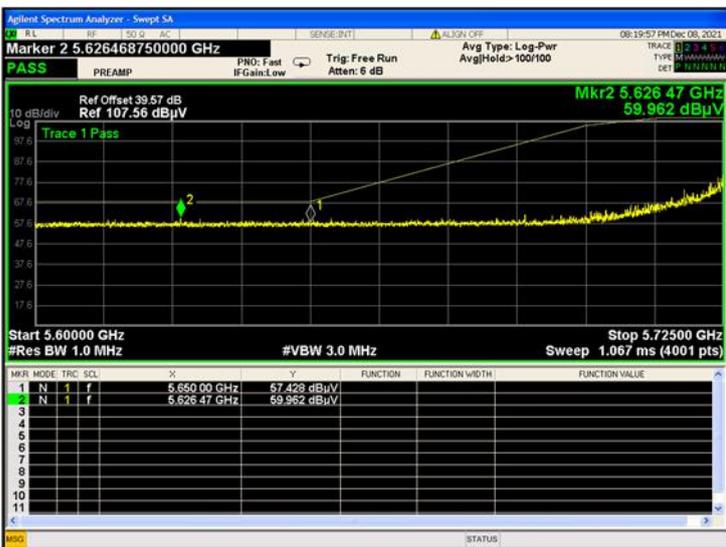
U-NII-2C 11ac80 CH138 AV



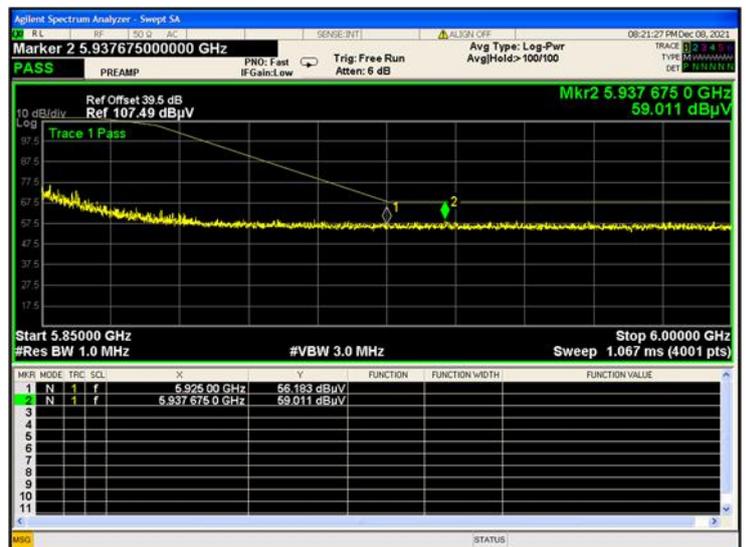
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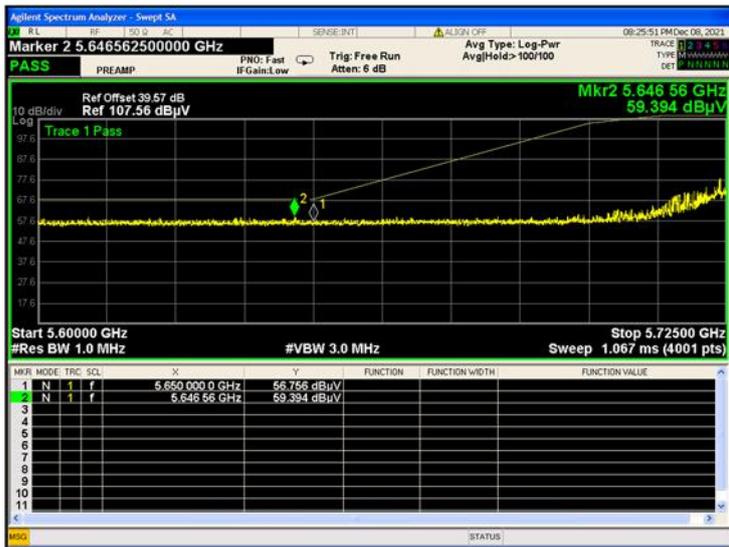
U-NII-3 11a CH149 Peak



U-NII-3 11a CH165 Peak



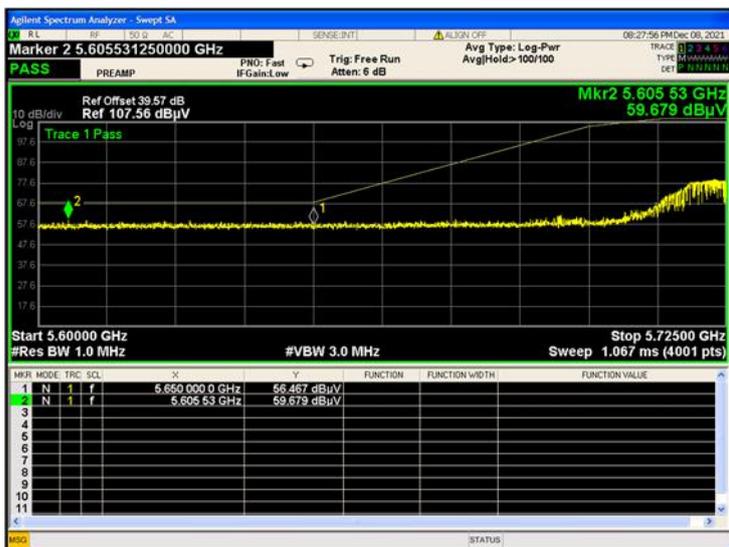
U-NII-3 11n20 CH149 Peak



U-NII-3 11n20 CH165 Peak



U-NII-3 11n40 CH151 Peak



U-NII-3 11n40 CH159 Peak



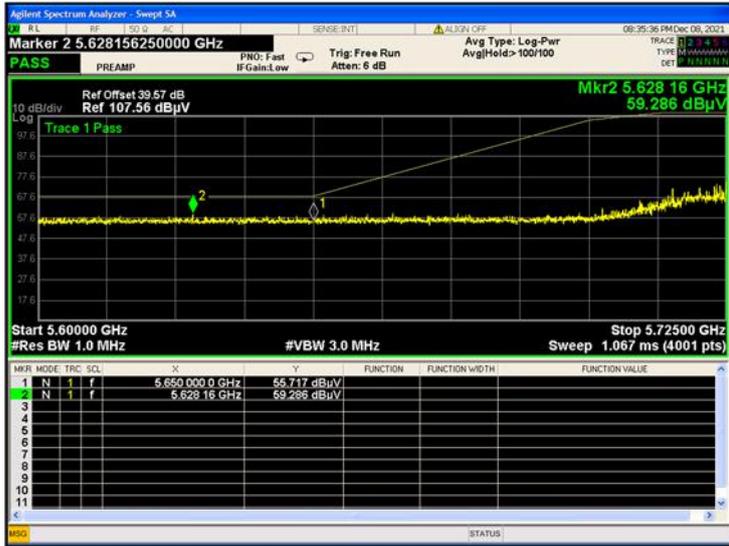
U-NII-3 11ac20 CH149 Peak



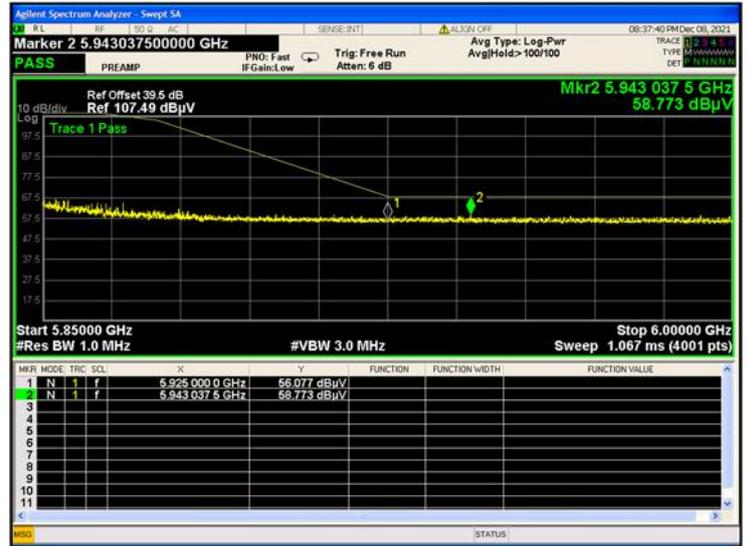
U-NII-3 11ac20 CH165 Peak



U-NII-3 11ac40 CH151 Peak



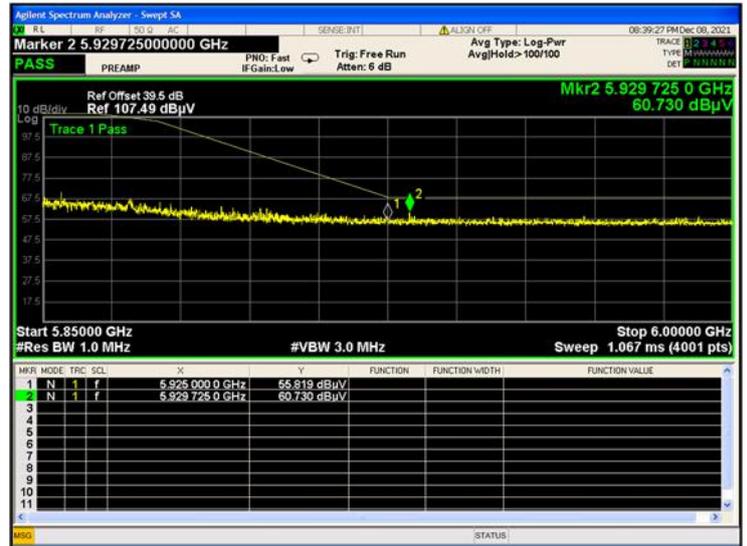
U-NII-3 11ac40 CH159 Peak



U-NII-3 11ac80 CH155 Peak



U-NII-3 11ac80 CH155 Peak



ANNEX B TEST SETUP PHOTOS

Please refer the document "BL-SZ21B0947-AR.PDF".

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document "BL-SZ21B0947-AW.PDF".

ANNEX D EUT INTERNAL PHOTOS

Please refer the document "BL-SZ21B0947-AI.PDF".

--END OF REPORT--